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APRIL 23, 1984
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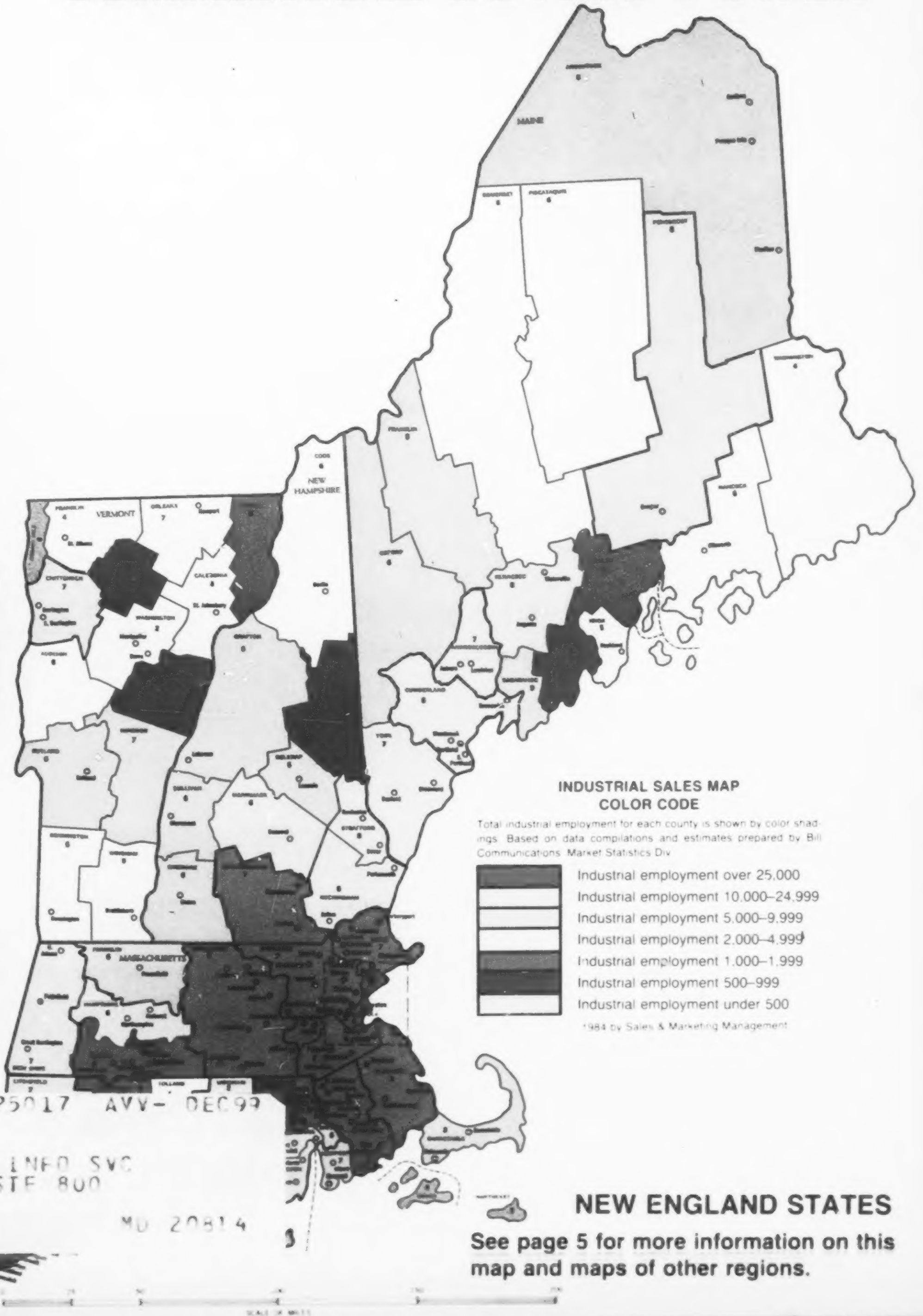
THIRTY-FIVE DOLLARS

1984

SURVEY OF U.S. INDUSTRIAL & COMMERCIAL BUYING POWER



INDUSTRIAL SALES MAP
COLOR CODE

Total industrial employment for each county is shown by color shadings. Based on data compilations and estimates prepared by Bill Communications Market Statistics Div.

- ▨ Industrial employment over 25,000
- ▨ Industrial employment 10,000–24,999
- ▨ Industrial employment 5,000–9,999
- ▨ Industrial employment 2,000–4,999
- ▨ Industrial employment 1,000–1,999
- ▨ Industrial employment 500–999
- ☐ Industrial employment under 500

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NEW ENGLAND STATES

See page 5 for more information on this map and maps of other regions.

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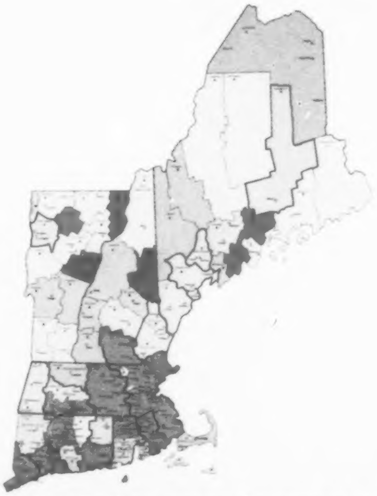

COVER: The New England map on the cover of this year's *Survey* is one of a series of nine regional Industrial Sales Maps available from *Sales & Marketing Management*. Each 11" × 17" map is color-coded to show industrial employment levels for all counties, as well as population data and the percentage of employees in large plants. The full set of all nine regional maps ($39.95)—or a laminated, jumbo (24" × 38") 50-state U.S./county map ($28.50)—is available from S&MM's Sales Builders Div., 633 Third Ave., New York, NY 10017 (212-986-4800).

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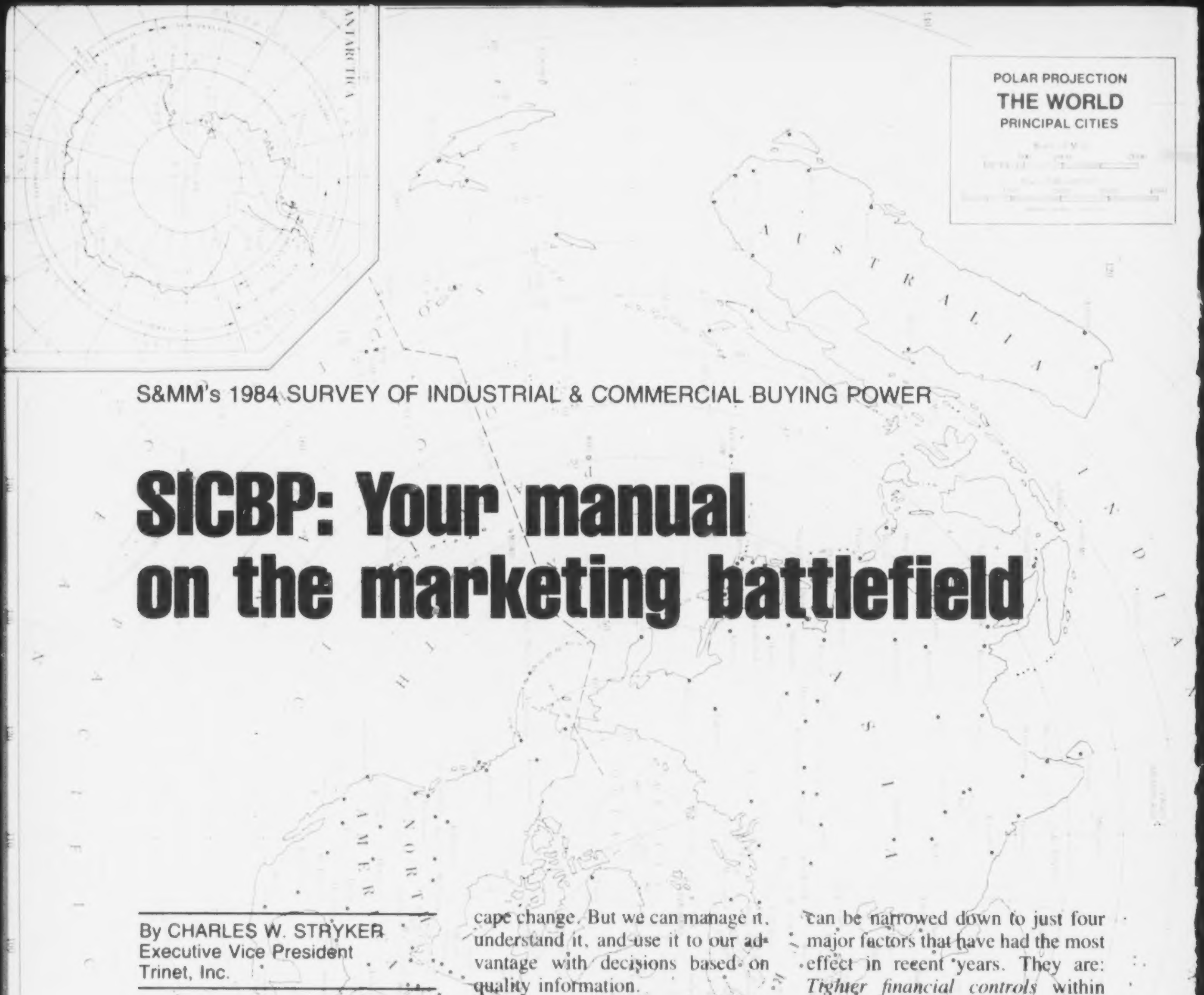


S&MM's 1984 SURVEY OF INDUSTRIAL & COMMERCIAL BUYING POWER

SICBP: Your manual on the marketing battlefield

By CHARLES W. STRYKER
Executive Vice President
Trinet, Inc.

Change. Uncertainty. No matter what we do, we cannot escape the changing environment in today's marketplace. Many times, the uncertainties brought by change will effect the efficiency of our marketing operations. It will alter the ability to spot a trend, the sound judgement needed to make important decisions. Recognizing this, many companies are taking steps to make their marketing programs more efficient. These marketers understand that productivity represents a critical competitive advantage. They have discovered that dollars saved through marketing efficiency go directly to the bottom line. And just how are these industrial marketers meeting today's challenges? The answer is information. Information that allows them to anticipate the changes occurring in their markets or industries. True, we cannot escape change. But we can manage it, understand it, and use it to our advantage with decisions based on quality information.

For those selling to industrial, rather than consumer markets, the source of this information is *Sales & Marketing Management's Survey of Industrial & Commercial Buying Power*, with its comprehensive listings of manufacturing and nonmanufacturing industries and the corresponding data that tells a marketer where to focus his efforts with the most efficiency.

On the rapidly changing map of today's industrial markets, the *Survey's* statistics provide all the ammunition you'll need to hit your target and win the battle against rising costs and wasteful spending—this year, and in years to come.

The problem

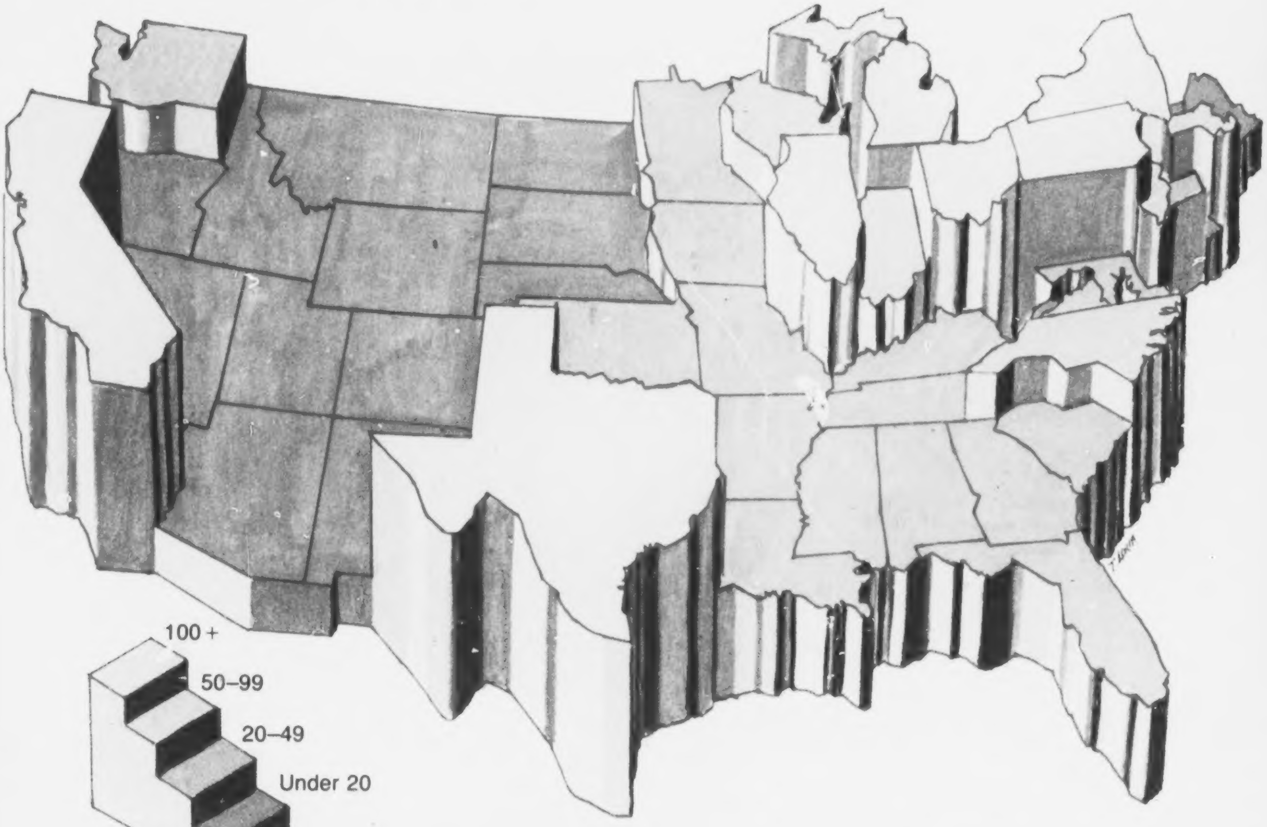
There are a number of reasons behind the steady increases in industrial sales costs, but all of them can be narrowed down to just four major factors that have had the most effect in recent years. They are: *Tighter financial controls* within major corporations, which have led to cutbacks in purchasing—a direct result of the economic downturn; *increased competition*—as buyer options and imports increase; *diversification* of customer's needs and product functions—due in large part to technological advances; and last, but not least, *more sophisticated decision-making* by today's executives and buyers, who are requiring more and better information on products and markets before committing corporate dollars. All of these factors have combined to create a situation in which the industrial marketer needs a more highly skilled sales force and more man-hours in sales calls. Both of these things, of course, cost more money.

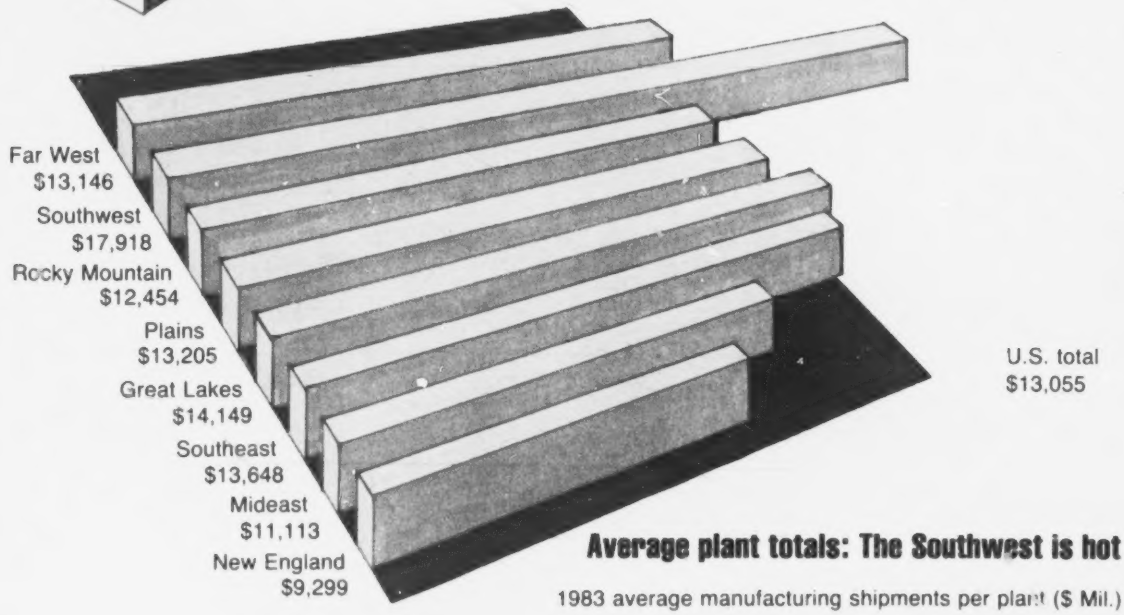
Industrial marketers are now experimenting with direct mail, telephone selling, national account management, and many other tech-

SURVEY HIGHLIGHT

Manufacturing: The North still has it

1983 manufacturing shipments by state ($ Bil.)





Average plant totals: The Southwest is hot

1983 average manufacturing shipments per plant ($ Mil.)

Sources: *S&MM's 1984 Survey of Industrial & Commercial Buying Power.* Map generated by Trinet.
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niques, seeking new ways to increase response without the increase in expenses normally associated with expansion in sales. Central to all of these approaches is a growing reliance on market research and information that makes it possible to specifically target the right industries, the right companies, the right establishments, and the right buyers—in an ever-narrowing process of refinement.

The solution

In the following pages of the *Survey of Industrial & Commercial Buying Power* you will find a wealth of the kind of useful statistical information described above. To make the most effective use of it, we have provided a detailed outline of the following four-step process, to show industrial marketers how to institute their own productivity improvement program:

I. Establish a productivity profile and a customer/market profile.

II. Analyze the market.

III. Institute the productivity program.

IV. Monitor future customer order.

In the rest of this article, we will briefly examine each of these steps to show how well-informed marketers can use this strategy to improve their position on the industrial marketing front.

Productivity profile

In working out your productivity profile (see Step **I.A.** in the accompanying outline, page 16), you will want to proceed with the three-step process below, ensuring that you have the most complete and up-to-date data on which to base your analysis.

1. Establish the cost of a single sales call. Using the formula described on pages 42 and 43 of *S&MM's 1984 Survey of Selling Costs* (Feb. 20), determine your own particular cost-per-call, as well as the number of calls your sales force is making per day and per year. If a copy of the *Survey* is not readily available, a simplified formula can be followed. Add up the prior year's selling expenses (salespeople's salaries, benefits, office-space costs, travel & entertainment,

SURVEY HIGHLIGHT

The 50 leading metro markets in manufacturing activity

1983 Rank	Metro Market	1983 Shipments ($ Mil.)	% Of U.S.	Total Plants	Average Shipments Per Plant ($000)
1.	Los Angeles-Long Beach	$69,297	3.56%	5,553	$12,479
2.	Chicago	68,966	3.54	6,790	10,157
3.	Detroit	58,525	3.01	3,978	14,712
4.	Philadelphia	49,257	2.53	3,788	13,004
5.	New York	40,641	2.09	6,506	6,247
6.	Boston-Lawrence-Salem-Lowell-Brockton	33,144	1.70	3,365	9,849
7.	Houston	31,882	1.64	1,685	18,921
8.	Newark	23,703	1.22	2,227	10,643
9.	Beaumont-Port Arthur	23,067	1.18	152	151,759
10.	Minneapolis-St. Paul	22,456	1.15	1,803	12,455
11.	San Jose	22,014	1.13	982	22,418
12.	Cleveland	21,384	1.10	2,314	9,241
13.	Cincinnati	19,424	1.00	1,121	17,328
14.	St. Louis	19,186	0.99	1,535	12,499
15.	Milwaukee	17,376	0.89	1,382	12,573
16.	Bergen-Passaic	16,178	0.83	2,011	8,045
17.	Baltimore	16,015	0.82	1,064	15,052
18.	Nassau-Suffolk	15,979	0.82	1,923	8,309
19.	Pittsburgh	15,714	0.81	1,173	13,396
20.	Dallas	15,182	0.78	1,472	10,314
21.	Atlanta	14,896	0.77	1,246	11,955
22.	Greensboro-Winston-Salem-High Point	14,524	0.75	869	16,714
23.	Middlesex-Somerset-Hunterdon	14,395	0.74	930	15,479
24.	Lansing-East Lansing	14,381	0.74	202	71,192
25.	Flint	14,188	0.73	137	103,559
26.	Seattle	13,858	0.71	893	15,519
27.	Oakland	13,760	0.71	869	15,834
28.	Louisville	13,606	0.70	604	22,527
29.	Anaheim-Santa Ana	12,631	0.65	997	12,669
30.	Rochester, NY	12,500	0.64	570	21,929
31.	Indianapolis	11,962	0.61	756	15,823
32.	Baton Rouge	11,724	0.60	204	57,472
33.	Hartford-New Britain-Middletown-Bristol	11,617	0.60	1,158	10,032
34.	Kansas City, MO	11,393	0.59	684	16,656
35.	Bridgeport-Stamford-Norwalk-Danbury	11,318	0.58	1,017	11,129
36.	New Orleans	11,207	0.58	453	24,738
37.	Richmond-Petersburg	10,518	0.54	393	26,764
38.	Allentown-Bethlehem	10,302	0.53	719	14,329
39.	Gary-Hammond	10,200	0.52	250	40,799
40.	Providence-Pawtucket-Woonsocket	10,182	0.52	1,668	6,104
41.	Charlotte-Gastonia-Rock Hill	10,135	0.52	1,028	9,858
42.	Fort Worth-Arlington	10,077	0.52	745	13,526
43.	Columbus, OH	9,967	0.51	725	13,747
44.	Toledo	9,889	0.51	522	18,945
45.	Phoenix	9,582	0.49	695	13,787
46.	Wichita	9,386	0.48	315	29,796
47.	Denver	8,950	0.46	886	10,102
48.	Dayton-Springfield	8,732	0.45	749	11,658
49.	Portland, OR	8,550	0.44	889	9,617
50.	Buffalo	8,458	0.43	609	13,888

DEFINITIONS: **Shipments**: Output of all manufacturing establishments with 20 or more employees in the metropolitan area. **% Of U.S.**: A market's share of total U.S. shipments. **Total Plants**: Establishments with 20 or more employees. **Average Shipments Per Plant**: Mathematical average computed by dividing the number of plants in the metro into total shipments.

Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power.*

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telephone, mail costs, support staff, training, advertising, etc.), then, estimate the number of sales calls per year either by surveying a representative sampling of your salespeople or by using sales control forms for several weeks to estimate the average number of calls per salesperson per day. Multiply this figure by the total number of salespeople, and then by 250 working-days per year, to get the total number of sales calls for the year. Now divide your total annual sales *costs* by total annual sales *calls* to arrive at the cost of a single sales call.

2. Determine the average number of calls required to make a sale. Examine your records to establish the number of orders placed in the previous year. Now, divide your total sales calls per year by the total number of orders placed to arrive at your *call-to-order ratio*. In other words, how many calls does it take to get one solid order?

3. Calculate the average size of each order. The last piece of data you will need for your productivity profile is the average size of each order, which can also be calculated from information in your company files concerning the dollar volume of orders and total orders.

Customer/market profile

For your profile (Step I.B.), you will need to devise a system for identifying your high-potential prospects. This system should first establish the boundaries that define a prospect's potential, and also the criteria that will define high-potential vs. low-potential accounts, such as determining that a high-potential prospect must have more than 100 employees. Here again, there are a few simple steps that should be followed to ensure that this data is gathered correctly and completely (see Step **B.1.**).

Most important here is that you

(continued on page 14)

SURVEY HIGHLIGHT

Summary of 2-digit major groups in this year's SICBP

SIC	Industry	Establishments Total	Establishments Large	Total Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
10	Metal mining	124	85	43,486	$ 4,243.6	95.84%
12	Bituminous coal & lignite mining	1,067	406	158,201	18,374.5	82.70
13	Oil & gas extraction	4,335	170	148,824	46,462.4	21.53
14	Nonmetallic minerals, exc. fuels	705	146	55,350	3,698.8	65.45
16	Heavy-construction contractors	4,890	1,167	615,387	50,515.5	79.40
20	Food & kindred products	14,271	4,307	1,661,207	270,062.9	73.52
21	Tobacco manufacturers	158	95	73,405	17,738.0	97.20
22	Textile-mill products	4,576	2,095	835,283	51,545.9	87.10
23	Apparel & other textile products	9,560	3,477	1,142,292	49,697.9	72.26
24	Lumber & wood products	8,342	1,626	643,193	46,831.6	56.49
25	Furniture & fixtures	4,201	1,165	441,225	27,259.1	69.69
26	Paper & allied products	4,725	1,839	673,752	82,635.4	84.75
27	Printing & publishing	11,519	2,219	1,018,400	79.944.5	66.13
28	Chemicals & allied products	7,636	2,098	1,055,642	177,919.7	78.64
29	Petroleum refining	1,575	392	174,136	187,954.2	88.63
30	Rubber & misc. plastics products	6,389	1,735	678,841	48,813.6	73.01
31	Leather & leather products	1,601	695	245,451	8,520.6	81.51
32	Stone, clay, & glass products	7,652	1,555	687,724	42,679.9	69.37
33	Primary metal industries	5,328	1,960	1,043,297	113,481.2	88.65
34	Fabricated metal products	18,785	4,180	1,730,750	112,932.4	69.34
35	Machinery, exc. electrical	19,701	4,695	2,390,336	168,560.3	80.32
36	Electric & electronic equipment	9,153	3,661	1,888,060	153,288.8	88.69
37	Transportation equipment	4,753	1,879	1,704,782	236,586.8	95.51
38	Instruments & related products	4,141	1,346	613,776	47,911.0	81.65
39	Misc. manufacturing industries	5,059	1,085	446,034	22,507.0	67.66
40	Railroad transportation	392	172	311,507	14,244.2	97.43
49	Electric, gas, & sanitary services	4,176	666	740,168	145,015.6	83.04
50	Wholesale trade—durable goods	14,929	638	557,161	192,390.4	28.88
60	Banking	4,519	716	683,064	107,035.7	85.00
70	Hotels & other lodging places	5,201	625	476,296	17,434.9	65.56
73	Business services	2,286	475	233,386	15,887.4	73.43
80	Health services	6,392	4,713	2,907,535	144,511.1	96.55
82	Educational services	1,602	683	416,862	20,569.3	90.65
	U.S. total	**199,743**	**52,766**	**26,494,813**	**$2,727,254.2**	**77.30%**

DEFINITIONS: **SIC**: 2-digit classification used by the federal government for major groups of industries. **Industry**: Classification by establishment's primary product or service. **Establishments**: A business or industrial unit at a single geographic location which produces or distributes goods, or performs services. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Total Employment**: Aggregate number of employees in units with 20 or more employees. **Shipments/Receipts**: Dollar value of goods produced or services rendered. Shipments are associated with manufacturing and mining; receipts with construction, wholesale trade, and service industries. **% In Large Establishments**: The share of shipments/receipts accounted for by establishments with 100 or more employees. Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power.*

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Trinet and the Census Bureau: Why they don't agree

Marketers who compare the *Survey of Industrial & Commercial Buying Power (SICBP)* establishment totals with those in the Census Bureau's annual *County Business Patterns (CBP)* reports should bear in mind that the two sources may not always agree.

Obviously, no private-sector information source such as Trinet, which supplies the data for the *Survey*, can duplicate the bureau's financial and personnel resources, not to mention its legal power to compel answers. Also, *CBP* reports pertain to a fixed point in time (a week in March, although first-quarter and annual payroll data are reported), whereas Trinet maintains a dynamic data base, constantly inputting new information as it becomes available, and excising out-of-date information.

In addition, the following "facts of life" in data collection contribute to honest differences:

1. Establishments on the borderline of a size category—*CBP* use nine different classes—could move from one category to the next with a change in just one or two employees. Such movements can be considerable over the two-year time period in which *County Business Patterns* data trail *SICBP* data.

2. Employment data comparisons are inherently imprecise. CBP shows employment for a specific pay period, whereas companies generally report it as an annual average. Some small companies tend to inflate their employment figures in order to be counted, so that many establishments with 15 or 16 employees will claim to have 20.

3. Trinet's technical procedures for reconciling its files against the annual *CBP* reports invariably leave a residual of unreconciled establishment locations. When the differences are uncovered, the information stays in Trinet's files as the process of reconciliation goes on. After the file is updated, these old differences disappear—but new ones appear in different locations.

4. When large establishments produce more than one product in significant volumes, Trinet will add a second, third, or fourth establishment at the same address, along with the appropriate SIC code and employment data. This increases the number of establishments in Trinet's file vs. the *CBP* files. This, say the people at Trinet, is the major discrepancy between the Census Bureau's figures and their own—establishment totals. There is far less disparity on the value of shipments, which is the key measure of industrial buying power.

SURVEY HIGHLIGHT

Top 50 counties in manufacturing plants

1983 Rank	County	State	Total Plants	% Of U.S. Shipments
1	Cook	IL	5,950	3.2165%
2	Los Angeles	CA	5,553	3.5594
3	New York	NY	3,294	.8370
4	Cuyahoga	OH	1,885	.9237
5	Wayne	MI	1,725	1.6481
6	Harris	TX	1,576	1.5527
7	Middlesex	MA	1,409	.8002
8	Providence	RI	1,360	.3987
9	Philadelphia	PA	1,326	.7603
10	Kings	NY	1,294	.4119
11	Dallas	TX	1,272	.6975
12	Bergen	NJ	1,264	.5466
13	Oakland	MI	1,201	.8995
14	St. Louis Ind. City	MO	1,161	.7801
15	Nassau	NY	1,125	.4955
16	Hennepin	MN	1,086	.5952
17	Essex	NJ	1,021	.4129
18	Fairfield	CT	1,017	.5813
19	Orange	CA	997	.6488
20	Santa Clara	CA	982	1.1307
21	New Haven	CT	981	.3991
22	Hartford	CT	932	.5261
23	Dade	FL	912	.2736
24	Queens	NY	898	.3314
25	Hamilton	OH	896	.8950
26	Milwaukee	WI	871	.6863 %
27	Union	NJ	804	.6129
28	Macomb	MI	804	.3608
29	Suffolk	NY	798	.3253
30	Hudson	NJ	791	.3718
31	Allegheny	PA	773	.5439
32	Montgomery	PA	770	.4045
33	King	WA	765	.5929
34	Passaic	NJ	747	.2844
35	Worcester	MA	734	.3265
36	Middlesex	NJ	706	.5693
37	Maricopa	AZ	695	.4922
38	Tarrant	TX	686	.4988
39	Du Page	IL	659	.2670
40	Alameda	CA	640	.3281
41	Suffolk	MA	624	.2805
42	Erie	NY	609	.4344
43	Baltimore Ind. City	MD	607	.5082
44	Marion	IN	605	.5387
45	Essex	MA	602	.2953
46	Multnomah	OR	581	.2883
47	San Francisco	CA	563	.1861
48	Kent	MI	560	.2683
49	Denver	CO	558	.2345
50	Jackson	MO	552	.5355
	50-county total		**58,221**	**33.5560%**

Total Plants: Number of establishments with 20 or more employees. **% Of U.S. Shipments:** Share of U.S. total shipments accounted for by this county's manufacturing plants.
Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power*
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build your high-potential profile through sound market research, using data from the *Survey of Industrial & Commercial Buying Power* and other reliable sources. Begin by defining a high-potential market based on your own judgement and experience (Step **B.2.**). Then, collect sample data on this market and conduct some simple interviews—by mail, telephone, or in-person—with your current customers and potential buyers in this market. Your interviews should be conducted in a way that will help you discover different preferences and buying habits. Ask each of your subjects what buying action they would take, as you describe different product features and benefits. Some will disclose their preference for a combination of features and/or benefits that you've described, and the subsequent list of the most popular characteristics from the respondents in your target market will constitute the basis of your high-potential customer profile.

Market analysis

Once you've established these guidelines for evaluating productivity, and a system for identifying high-potential prospects, you are then ready to analyze your market. Market analysis utilizes information on the location, size, and structure of your market that will be needed to plan targeted marketing programs. The data in this issue of the *Survey of Industrial & Commercial Buying Power* are tailor-made for this purpose (see Step **II.A.**).

Analysis of your market as part of a structured, productivity-oriented process has significant implications in sales territory allocations, as well as the selection of techniques for reaching specific market segments within these territories. For example, you may find counties showing great potential that currently have no assigned salespeople, or others with plenty of salespeople but a low potential.

Instituting a productivity program

With the information gathered in the previous two steps, you are now in an excellent position to make sound recommendations on how to go about improving your overall marketing productivity through analysis of the specific data for each of your newly targeted markets (**III.A.**). This can involve anything from the complete overhaul of your present marketing program to simply making a few minor changes that will improve your productivity in the long run (Step **III.B.**)

Monitoring customer orders

This final step will help to ensure that your targeting program achieves its full potential, that is, being able to identify each individual customer in terms of their high-potential profile and monitoring new orders with a system designed around these characteristics (Step **IV**).

With information from the *Survey* applied to the four-step process outlined above, you can produce dramatic increases in overall marketing productivity, while keeping costs under control. The greater efficiency that this program provides is something that all marketers can use. The question now is not whether you *will* begin your own productivity improvement program like this but, rather, *when* you will begin. Once you've started using this approach based on data from *S&MM's Surveys*, you'll find yourself wondering how you ever managed the marketing function without it. Remember, to manage change, you must have information. Without it, the marketing battle is lost. The *Survey of Industrial & Commercial Buying Power* is the tactical manual that can help you to fight and win on the industrial marketing battlefield. Use it—or lose it.

SURVEY HIGHLIGHT

The nation's largest employers: 8062 is the big winner

MANUFACTURING

Rank	SIC	Industry	Total Employment
1	3079	Misc. plastics products	438,191
2	3714	Motor-vehicle parts & accessories	372,832
3	3573	Electronic computing equipment	326,908
4	3711	Motor vehicles & car bodies	323,382
5	3662	Radio & TV communication equipment	308,923
6	2711	Newspapers	301,724

NONMANUFACTURING

Rank	SIC	Industry	Total Employment
1	8062	General medical & surgical hospitals	2,907,535
2	6025	National banks, federal reserve	683,064
3	7011	Hotels, motels, & tourist courts	476,296
4	4911	Electric services	349,426
5	4011	Railroads, line-haul operating	311,507
6	1629	Heavy construction, N.E.C.	282,405

N.E.C.—Not Elsewhere Classified.
Notes: Rankings show employment figures for only those industries included in the *1984 Survey of Industrial & Commercial Buying Power*. Not all nonmanufacturing industries are surveyed.
Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power*.
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Survey battle plan: An outline

For purposes of explanation, we have created a fictitious New England-based company that designs and manufactures computer software packaging, currently in the process of instituting a productivity improvement program. In order to locate its prospective customers, data from the *Survey of Industrial & Commercial Buying Power* is being used to identify markets that hold the most potential for its products. This outline is a step-by-step sequence showing how *Survey* statistics can be used in targeting not only markets but also the primary and secondary industries within those markets, based on 4-digit SIC industry-groups. The accompanying article, "*SICBP:* Your Manual on the Marketing Battlefield" (page 6), explains how this information can be utilized in your own program.

I. SALES FORCE PRODUCTIVITY PROFILE & CUSTOMER/MARKET PROFILE

A. Productivity profile

1. Cost of a single sales call:

Total selling costs	$1,147,500
Total number of salespeople	25
Average no. calls-per-day	2
Total calls-per-day	50
Total working days per year	250
Total calls-per-day	50
Total calls-per-year	12,500

Total selling costs divided by total calls-per-year =

COST-PER-CALL **$91.80**

2. Number of calls required to make a sale (call-to-order ratio):

Total orders for the year	800
Total calls-per-year	12,500

Total calls-per-year divided by total orders for the year = 15.62 calls-per-order

CALL-TO-ORDER RATIO . **16 to 1**

3. Average size of orders:

Total orders for the year	800
Total dollar volume of orders for the year	$2,320,000

Total dollar volume divided by total orders for the year =

AVERAGE SIZE OF EACH ORDER **$2,900**

B. Customer/market profile

1. Obtain characteristics of high-potential customer:

a. Sales force opinion poll
b. Analysis of recent customers
c. Characteristics of competition's customer

2. Select sample high-potential market for in-depth analysis:

a. Name: Middlesex County, MA
Target SIC: 7372—Computer programming & software

Vital statistics: Nearly 6% of the total U.S. output of this industry group comes from this county's 53 establishments, which generated $450.3 million in shipments/receipts in 1982. This is one of the top 10 counties in the U.S. in this industry group, and a natural for selection as a high-potential market for a software packaging company. Approximately 75% of the county's shipments/receipts are generated by the 11 establishments with 100 or more employees.

3. Conduct interviews with customers in the sample market, using one or more of the following methods:

a. Mail survey
b. Telephone interview
c. Personal interview

(Collect information on customer buying habits, preferences for

SIC 7372: Ground zero

County	Establishments Total	Establishments Large	Total Shipments/ Receipts ($ Mil.)	% Of U.S. SIC	$ Vol. Orders 1982	Total Orders	Number Of Sales-people
Westchester, NY	10	4	$896.5	10.47%	$125,800	24	2
Los Angeles, CA	55	16	766.4	8.95	52,800	12	2
Hennepin, MN	18	7	530.5	6.20	—	0	0
Middlesex, MA	53	11	450.3	5.26	22,400	6	3
Dallas, TX	16	5	381.3	4.45	37,600	14	1
Montgomery, OH	10	4	378.6	4.42	35,200	8	2
Santa Clara, CA	45	18	361.1	4.22	72,200	18	3
Montgomery, PA	15	6	270.9	3.16	17,400	6	1

A brief analysis of this data shows that the orders in these eight counties comprise 11% of all company orders and 15.6% of order dollars. Recommendations based on analysis of these markets are listed in Section III. B. of this outline.
Source: *S&MM's 1983 Survey of Industrial & Commercial Buying Power*
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specific features or benefits, size, shape, design, weight, etc.)

4. Building of actual profile:

Using the results from your interviews and the characteristics from your sample high-potential market, develop a list of markets that meet the qualifications outlined in your profile. Criteria such as the number of large establishments, total employment, percent of U.S. shipments, as well as information on buyer preferences, can all be used to determine which markets will be selected. **Section II., MARKET ANALYSIS,** deals with specific markets to be targeted.

II. MARKET ANALYSIS

A. Selecting high-potential markets

In the accompanying table, the criteria for selecting markets is limited to a single characteristic, although more than one variable should be used. Here, only those counties that account for *more than 3% of total U.S. shipments receipts* in SIC 7372 have been selected. Along with data from the *Survey of Industrial & Commercial Buying Power*, additional hypothetical figures show the number of salespeople presently assigned to these areas and the total dollars in orders generated by each county in 1982. By analyzing the territory assignments vs. actual revenues, marketers can make the necessary adjustments to take advantage of markets showing greater potential, and cut back in areas having too much coverage and too little revenue.

III. INSTITUTING A SALES PRODUCTIVITY PROGRAM

A. Ways to improve marketing productivity

1. Reduce cost-per-call.
2. Reduce call-to-order ratio.
3. Increase size of average order.
4. Make improvements in territory coverage.

B. Make recommendations based on market analysis

The most obvious adjustment concerns the *Hennepin County, MN*, area, where there are presently no assigned salespeople (see table). Because this market accounts for more than 6% of all U.S. shipments receipts in this SIC, immediate attention should be given to this very important territory. In other areas, territorial readjustment is indicated in the *Montgomery County, OH*, market, where 2 salespeople are presently covering 10 establishments which account for just over $35,000 in orders. *Dallas*, on the other hand, has a total of 16 establishments, $37,600 in orders, but only one assigned salesperson. Also, by dividing the number of orders into the dollar volume in a market, an average size-of-order figure can be calculated that can show whether a market is high or low in terms of potential. In the eight markets listed, only two are at or below the company average of $2,900 per order, indicating that these markets have high potential in terms of dollars-per-order, and should be given priority status. Other useful bits of information can be gleaned from these figures, and this list can be extended to include all counties that have 1,000 or more employees in this SIC industry, providing marketers with an instant roster of potential territories. In addition, other SIC industries that may produce potential customers should also be analyzed as possible secondary markets. *SIC 7399*—business services (not elsewhere classified), *SIC 3573*—electronic computing equipment manufacturing, and *SIC 3574*—calculating & accounting machine manufacturing are all worth investigating as possible markets for software-related packaging and/or package design.

IV. MONITORING NEW ORDERS

A. Order-entry information should include profiling data that will help identify high-potential customers.

B. Compare this data with the high-potential profile from Step I.B.

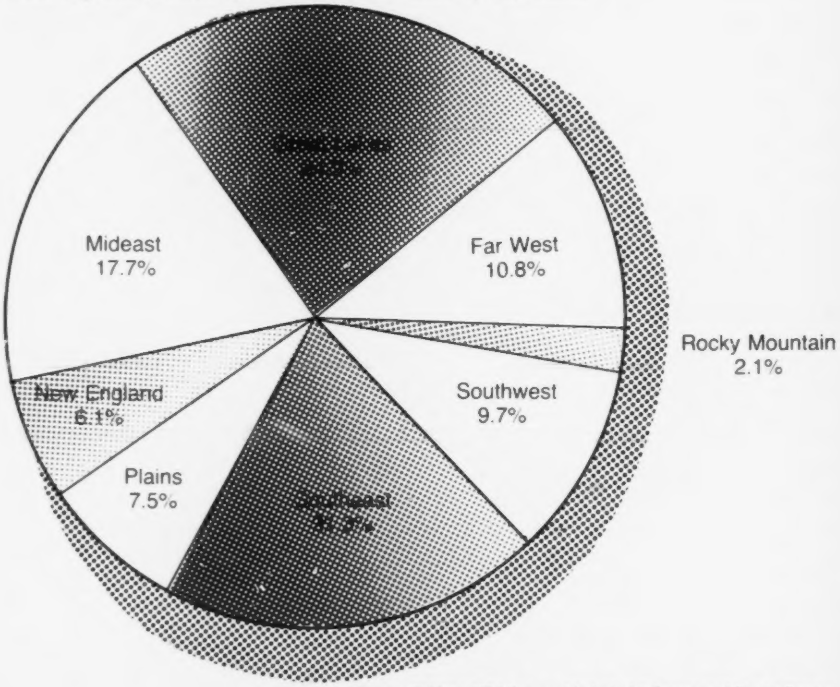
C. Be aware of new information that may help you adjust your method of data collection as changes in markets and customers occur.

D. Gather data on your salespeople's call patterns and orders to be sure that all high-potential markets and establishments are being adequately covered. S&MM

SURVEY HIGHLIGHT

Regional manufacturing: Who's got the biggest slice?

1983 regional percentages of U.S. manufacturing shipments



Sources: *S&MM's 1984 Survey of Industrial & Commercial Buying Power*
Map generated by Trinet
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Industrial outlook: Ch-ch-changes

By RICHARD P. KERN
Editorial Director
Survey of Industrial
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Regular readers of "S&MM's Survey of Industrial & Commercial Buying Power" may notice something different about this year's issue. These are most likely the same readers who noticed something different about last year's "SICBP," namely, that we had changed the presentation format of the SIC-related data in order to make it more useful to our subscribers. Well, it seems we were wrong. The response to the new format was, to put it mildly, slightly negative. Consequently, we have decided to reinstate the two-section format, hopefully proving once again that the ability to respond to change breeds success.

1984: The Survey

One thing that has been held over from last year's *Survey* format is the addition of nonmanufacturing industry data, for marketers interested in these areas. At this point, nonmanufacturing statistics are somewhat more limited than those for manufacturing industries, although we'll be adding more nonmanufacturing information as it becomes available.

Data this year are provided in two basic configurations—Section A: U.S. totals for 4-digit SIC industries (both manufacturing & nonmanufacturing), and Section B: State and county totals listed geographically. This section (beginning on page 55) constitutes the largest part of the *Survey's* data and gives marketers a set of current statistics showing, among other things, total shipments/receipts for a county's manufacturing industries, as well as dollar amounts for the 4-digit SIC industries with 1,000 or more employees. A percentage figure also shows what part of U.S. total shipments/receipts a county accounts for, both in total manufacturing and in the 4-digit industries listed.

Survey highlights this year, in addition to our regular updates, concern the nation's largest employers, regional shipment concentrations, 2-digit major group summaries, and the return of the top 50 metro markets in terms of manufacturing activity, giving marketers a direct link to *S&MM's* other *Survey* issues.

1983: A review

There's been a lot of talk lately about the resurgence of U.S. industry over the last 18 months, and now the numbers are beginning to reflect the news. Regional shipments, after falling off between 1981 and 1982, have begun to climb once again, with both plant *and* shipment totals up for all nine of the nation's regions. The only declines that were recorded were on the state level, although only four states reported drops in their manufacturing shipments totals—South Dakota, Washington, West Virginia, and Wyoming.

An interesting consequence of this resurgence of activity is that average shipments-per-plant figures were down in 1983. This is partly because increases in plant totals outpaced gains in shipments dollars, an indication that growth is occurring in the number of smaller, low-level manufacturing establishments that, at this point, have little effect on combined shipment totals that number in the tens of millions of dollars.

As far as the industrial orientation of the country is concerned, our list of the 50 biggest manufacturing industries (page 24), still shows SIC 2911—petroleum refining—as the nation's No. 1 business in terms of shipment dollars generated, a spot it has held since 1977. Motor vehicles & car bodies—SIC 3711—also remains high on the list of manufacturing industries; formerly No. 1 prior to 1977, it is now No. 2. The most telling bit of information here, however, is not the relative rank of these industries, but rather, their shipment figures. While total petroleum shipments have actually declined in the last year, they have not decreased enough to change the industry's ranking. Motor vehicles, on the other hand, show an increase in total shipments but remain in the No. 2 slot. If this trend continues, we may see the eventual re-emergence of the U.S. auto industry as the No. 1 manufacturing industry—something that would have been unthinkable just a few years ago.

At the same time, SIC 3573—electronic computing equipment—has jumped from ninth to fifth, recording a 37% increase in total shipments dollars between 1982 and 1983, more than any other industry in the top 10. Marketers should keep a close eye on this industry as it continues to grow and new hotbeds of electronics-related industry come into play.

Overall, recovery is most evident in the shipments figures of the nation's leading industries. Only 16 out of the top 50 showed any decline between 1982 and 1983, with construction machinery and miscellaneous machinery joining petroleum refining as the biggest 12-month losers. Virtually all other areas, however, have shown some increases, and this means that things are looking up for U.S. manufacturing.

On the county level in manufacturing, Los Angeles County re-

SURVEY HIGHLIGHT

The Survey vs. the Bureau: 1983 shipment totals as reported by . . .

SIC	Industry	1983 Shipment Totals ($ Mil.) Trinet	1983 Shipment Totals ($ Mil.) Census Bureau	% Change 1982–83 Trinet	% Change 1982–83 CB	Trinet Shipment Total As A % Of CB Totals
	Durable Goods	**$ 949,531**	**$1,022,476**	**+ 7.5%**	**+10.9%**	**93%**
24	Lumber	46,832	N.A.	+10.4	N.A.	N.A.
25	Furniture	27,259	N.A.	+23.5	N.A.	N.A.
32	Stone, clay, & glass	42,680	49,047	+12.3	+11.4	87
33	Primary metals	113,481	115,829	+20.6	+ 8.2	98
34	Fabricated metals	112,932	121,670	+ 0.9	+ 6.7	93
35	Nonelectrical machinery	168,560	179,512	−6.4	− 0.6	94
36	Electrical & electronic equip.	153,289	157,001	+19.0	+11.7	98
37	Transportation equip.	236,587	240,396	+18.1	+23.0	98
38	Instruments	47,911	49,944	+13.9	+ 2.2	96
	Nondurable Goods	**$1,017,513**	**$1,030,289**	**+11.6%**	**+ 4.3%**	**99%**
20	Food	270,063	287,866	+ 9.7	+ 3.8	94
21	Tobacco	17,738	18,165	+30.0	+25.7	98
22	Textile products	51,546	52,209	+10.3	+10.6	99
23	Apparel	49,698	N.A.	+ 2.5	N.A.	N.A.
26	Paper products	82,635	85,680	+ 8.8	+ 8.5	96
27	Printing & publishing	79,944	N.A.	+ 7.0	N.A.	N.A.
28	Chemicals	177,920	189,198	+15.9	+ 9.5	94
29	Petroleum & coal prod.	187,954	191,043	− 6.3	− 8.0	98
30	Rubber & plastics	48,814	51,935	+15.6	+ 3.5	94
31	Leather	8,521	N.A.	−24.2	N.A.	N.A.
	All Manufacturing	**$1,967,044**	**$2,052,765**	**+ 9.6%**	**+ 7.5%**	**96%**

N.A.—Not Available.

[1] Trinet's data does not include establishments with less than 20 employees or those in Alaska and Hawaii; hence, its shipments totals should always be less than those reported by the Census Bureau. Also, boldface totals will not always reflect the sum of details due to additional "miscellaneous" category totals not shown here.

Sources: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power*; Census Bureau, *Manufacturers Shipments, Inventories, and Orders M3-1.12*.

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mains in the No. 1 slot, ahead of No. 2, Cook County, IL, for the second straight year. In each of these counties, the now-familiar SIC 2911—petroleum refining—is charted as the leading SIC industry, just as it is in 4 of the top 10 U.S. manufacturing counties. New counties to watch in the top 50 this year include Ingham, MI, SIC 3711; San Diego, CA, SIC 3573; and Forsythe, NC, SIC 2111. Only 9 counties out of the top 50 reported declines in shipment dollar totals for 1983, and even then, the changes were not all that significant. Again, average shipments per plant were down, despite gains in all other areas, which indicates that the trend reaches to the local level as well. Cutbacks in production have also been a factor, but, it's hoped, as shipments figures rise, we will see a leveling off and, eventually, a return to annual increases.

1984: And beyond

Is the U.S. in the midst of a manufacturing boomlet? Quite a few analysts say yes, and the numbers now seem to support them. Increases are, of course, on the conservative side, but at least we are seeing an end to the declines of years past. At the same time, new industries, such as those in the electronics and service fields, are beginning to expand, while America's big three—steel, automobiles, and petroleum—are still hanging on, working their way slowly out of the slump. For example, in our listing of the top 50 metro markets in manufacturing (page 8), the Beaumont–Port Arthur metro area has, in two years, jumped from No. 15 to No. 9, with the majority of industrial activity in petroleum-related areas. San Jose, in the same period, has moved from 17th to 11th place by virtue of a burgeoning electronics industry, with four electronics-related SICs—3573, 3662, 3674, & 3679—chalking up over $12 billion in shipments in 1983 alone.

So, as the old industries begin their recovery and the new ones continue to grow, things cannot help but get better for industrial marketers too. The management of sound marketing information has always been the key to success in selling, and the *Survey of Industrial & Commercial Buying Power* is the best place to go to find out what changes are in store—both this year, and in years to come.

Survey errata

The *1983 Survey of Industrial & Commercial Buying Power* (*S&MM*, Apr. 25) contained three Highlight tables that were mistakenly generated from a defective tape. As a result, the 1982 data contained in these tables were overstated. For our readers who regularly use these figures for charting trends or annual rates of increase, we are reprinting them in this year's *Survey*, along with current data. The tables are: **Regional and State Summaries of Manufacturing Markets; Top 50 Counties in Manufacturing Activity**; and **Profile of the 50 Biggest Manufacturing Industries**. We regret any inconvenience this may have caused our readers.

SURVEY HIGHLIGHT

Regional and state summaries of manufacturing markets

Region & State	Total Plants		Large Plants		Shipments ($ Mil.)		% Of U.S.		Average Shipments Per Plant ($000)		Plant Index U.S. = 100		% In Large Plants	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
NEW ENGLAND	**12,683**	**11,918**	**3,488**	**3,465**	**$117,936.9**	**$112,153.9**	**6.0578%**	**6.2530%**	**$9,299**	**$9,410**	**71**	**69**	**77%**	**77%**
Connecticut	3,577	3,316	920	887	35,830.9	34,784.7	1.8404	1.9394	10,017	10,490	77	77	80	81
Maine	844	812	284	299	8,798.6	8,401.8	.4519	.4684	10,425	10,347	80	76	80	79
Massachusetts	5,290	5,030	1,521	1,533	51,273.1	48,374.7	2.6336	2.6971	9,692	9,617	74	71	78	77
New Hampshire	841	781	283	280	7,926.0	7,306.8	.4071	.4074	9,424	9,356	72	69	79	79
Rhode Island	1,697	1,575	356	344	10,549.0	10,221.6	.5418	.5699	6,216	6,490	48	48	65	65
Vermont	434	404	124	122	3,559.3	3,064.3	.1828	.1708	8,201	7,585	63	56	72	69
MIDEAST	**30,980**	**26,746**	**8,396**	**7,838**	**$344,282.1**	**$321,074.3**	**17.6839%**	**17.9011%**	**$11,113**	**$12,005**	**85**	**89**	**79%**	**81%**
Delaware	267	251	84	88	6,624.1	6,221.8	.3402	.3469	24,809	24,788	190	183	89	89
District of Columbia	143	138	30	31	1,945.6	2,030.3	.0999	.1132	13,606	14,712	104	109	82	83
Maryland	1,890	1,804	564	582	24,441.5	23,532.5	1.2554	1.3120	12,932	13,045	99	96	81	81
New Jersey	7,609	6,583	1,858	1,710	81,302.2	76,309.0	4.1760	4.2545	10,685	11,592	82	86	76	79
New York	12,036	9,776	3,034	2,661	114,826.4	100,971.9	5.8980	5.6295	9,540	10,329	73	76	76	78
Pennsylvania	9,035	8,194	2,826	2,766	115,142.3	112,008.8	5.9142	6.2449	12,744	13,670	98	101	83	84
GREAT LAKES	**34,286**	**31,500**	**9,475**	**9,297**	**$485,108.7**	**$447,056.8**	**24.9174%**	**24.9250%**	**$14,149**	**$14,192**	**108**	**105**	**84%**	**84%**
Illinois	10,081	9,020	2,838	2,769	120,555.8	118,093.1	6.1923	6.5841	11,959	13,092	92	97	81	82
Indiana	3,986	3,733	1,285	1,260	65,000.4	59,675.1	3.3387	3.3271	16,307	15,986	125	118	84	84
Michigan	7,696	7,068	1,640	1,651	128,251.9	105,876.7	6.5876	5.9030	16,665	14,980	128	111	87	85
Ohio	8,821	8,309	2,581	2,533	119,670.2	114,047.1	6.1468	6.3585	13,567	13,726	104	101	84	84
Wisconsin	3,702	3,370	1,131	1,084	51,630.4	49,364.8	2.6520	2.7523	13,947	14,648	107	108	82	83
PLAINS	**11,108**	**9,486**	**2,860**	**2,704**	**$146,684.0**	**$135,537.6**	**7.5343%**	**7.5567%**	**$13,205**	**$14,288**	**101**	**105**	**78%**	**80%**
Iowa	1,813	1,559	451	421	25,734.0	23,297.1	1.3218	1.2989	14,194	14,944	109	110	76	80
Kansas	1,583	1,491	373	368	25,898.7	25,295.8	1.3303	1.4103	16,361	16,966	125	125	82	82
Minnesota	2,838	2,364	772	742	34,912.0	31,692.9	1.7932	1.7670	12,302	13,406	94	99	77	80
Missouri	3,446	2,771	937	862	43,433.3	39,012.3	2.2309	2.1751	12,604	14,079	97	104	81	84
Nebraska	809	746	230	219	11,969.1	11,687.8	.6148	.6516	14,795	15,667	113	116	75	76
North Dakota	219	186	34	26	1,913.0	1,691.9	.0983	.0943	8,735	9,096	67	67	49	50
South Dakota	400	369	63	66	2,823.9	2,859.8	.1450	.1594	7,060	7,750	54	57	54	57
SOUTHEAST	**30,385**	**26,575**	**10,107**	**9,733**	**$414,709.4**	**$374,578.7**	**21.3013%**	**20.8841%**	**$13,648**	**$14,095**	**105**	**104**	**82%**	**83%**
Alabama	2,609	2,000	865	803	31,029.8	26,527.6	1.5938	1.4790	11,893	13,264	91	98	78	80
Arkansas	1,487	1,307	520	496	20,457.6	18,003.7	1.0508	1.0038	13,758	13,775	105	102	79	80
Florida	4,108	3,463	878	819	36,003.7	32,843.5	1.8493	1.8311	8,764	9,484	67	70	72	74
Georgia	3,510	3,291	1,161	1,158	42,797.6	39,802.2	2.1983	2.2191	12,193	12,094	93	89	79	80
Kentucky	1,786	1,546	584	568	30,145.2	26,747.9	1.5484	1.4913	16,879	17,301	129	128	85	86
Louisiana	1,731	1,612	503	504	46,309.8	45,194.4	2.3787	2.5198	26,753	28,036	205	207	85	85
Mississippi	1,736	1,352	640	542	19,982.2	16,592.8	1.0264	.9251	11,510	12,273	88	91	78	80
North Carolina	4,981	4,295	1,906	1,836	65,310.9	56,816.7	3.3547	3.1677	13,112	13,229	100	98	83	85
South Carolina	2,140	1,897	877	867	30,202.2	28,353.6	1.5513	1.5808	14,113	14,947	108	110	85	87
Tennessee	3,227	3,000	1,159	1,138	42,742.7	38,307.7	2.1955	2.1358	13,245	12,769	101	94	84	84
Virginia	2,340	2,160	795	784	37,150.6	32,561.8	1.9082	1.8154	15,876	15,075	122	111	85	84
West Virginia	730	652	219	218	12,577.1	12,826.8	.6460	.7151	17,229	19,673	132	145	86	87
SOUTHWEST	**10,514**	**9,175**	**2,770**	**2,706**	**$188,388.6**	**$175,632.8**	**9.6765%**	**9.7922%**	**$17,918**	**$19,143**	**137**	**141**	**82%**	**84%**
Arizona	964	834	201	191	14,865.7	13,299.8	.7636	.7415	15,421	15,947	118	118	83	84
New Mexico	396	314	76	77	5,417.2	4,762.3	.2783	.2655	13,680	15,167	105	112	64	69
Oklahoma	1,547	1,260	383	356	28,479.5	26,615.0	1.4628	1.4839	18,410	21,123	141	156	85	87
Texas	7,607	6,767	2,110	2,082	139,626.2	130,955.7	7.1718	7.3013	18,355	19,352	141	143	82	83
ROCKY MOUNTAIN	**3,238**	**2,689**	**708**	**639**	**$40,326.9**	**$35,794.5**	**2.0714%**	**1.9957%**	**$12,454**	**$13,311**	**95**	**98**	**72%**	**73%**
Colorado	1,551	1,278	310	279	17,018.1	14,934.3	.8741	.8326	10,972	11,686	84	86	74	75
Idaho	357	302	119	106	5,095.7	3,944.8	.2617	.2199	14,274	13,062	109	96	77	73
Montana	300	259	45	44	3,354.6	3,637.0	.1723	.2028	11,182	14,042	86	104	65	67
Utah	835	694	204	188	10,623.6	10,170.9	.5457	.5671	12,723	14,655	97	108	72	75
Wyoming	195	156	30	22	4,234.9	3,107.5	.2175	.1733	21,717	19,920	166	147	61	63
FAR WEST	**15,931**	**14,288**	**4,300**	**4,129**	**$209,434.2**	**$191,777.1**	**10.7575%**	**10.6923%**	**$13,146**	**$13,422**	**101**	**99**	**80%**	**81%**
Alaska	5	N.A.	3	N.A.	649.5	N.A.	.0334	N.A.	29,900	N.A.	229	N.A.	97	N.A.
California	11,776	10,911	3,276	3,177	154,726.4	141,773.0	7.9474	7.9044	13,139	12,994	101	96	81	81
Hawaii	297	N.A.	58	N.A.	3,302.7	N.A.	.1696	N.A.	11,120	N.A.	85	N.A.	71	N.A.
Nevada	158	130	29	31	1,428.1	1,287.9	.0734	.0718	9,039	9,907	69	73	58	61
Oregon	1,859	1,563	472	463	18,832.7	16,654.2	.9673	.9285	10,131	10,655	78	79	72	73
Washington	1,836	1,684	462	458	30,494.8	32,062.0	1.5663	1.7876	16,609	19,039	127	141	83	85
U.S.	**149,125**	**132,377**	**42,104**	**40,511**	**$1,946,870.8**	**$1,793,605.7**	**100.0000%**	**100.0000%**	**$13,055**	**$13,549**	**100**	**100**	**81%**	**82%**

Total Plants: Establishments with 20 or more employees. **Large Plants**: Establishments with 100 or more employees. **Shipments**: Gross value of all products produced. **% Of U.S.**: Share of U.S. total shipments. **Average Shipments Per Plant**: Mathematical average computed by dividing total plants into total shipments. **Plant Index**: State's average shipments per plant as a ratio of all-U.S. average, $13,055,000, which represents par, or 100; the number above or below 100 indicates degree by which state is above or below the U.S. norm. **% In Large Plants**: Share of shipments accounted for by plants with 100 or more employees.

Note: Details may not add up to totals due to rounding.

Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power*.

Sales & Marketing Management

SURVEY HIGHLIGHT

Top 50 counties in manufacturing activity

1983 Rank	County/State		Total Shipments ($ Mil.)		Total Plants		Average Shipments Per Plant ($000)		Leading SIC Industry		Shipments Of Leading SIC ($ Mil.)		Shipments As Share Of: U.S. SIC Total		Shipments As Share Of: All-Mfg. County	
			1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
1	Los Angeles,	CA	$69,297	$66,794	5,553	5,347	$12,479	$12,492	2911	2911	$11,457	$12,191	6.3%	6.4%	16.5%	18.3%
2	Cook,	IL	62,621	60,353	5,950	5,463	10,525	11,048	2911	2911	4,187	4,251	2.3	2.2	6.7	7.0
3	Wayne,	MI	32,086	30,590	1,725	1,615	18,601	18,941	3711	3711	12,030	10,216	11.8	13.6	37.5	33.4
4	Harris,	TX	30,229	30,167	1,576	1,439	19,181	20,964	2911	2911	11,134	11,496	6.1	6.0	36.8	38.1
5	Santa Clara,	CA	22,014	17,823	982	782	22,418	22,792	3573	3674	5,406	3,755	13.7	33.9	24.6	21.1
6	Jefferson,	TX	21,195	21,481	108	100	196,246	214,808	2911	2911	18,608	19,213	10.3	10.0	87.8	89.4
7	Cuyahoga,	OH	17,983	16,824	1,885	1,824	9,540	9,224	3714	3714	2,218	1,982	5.2	5.3	12.3	11.8
8	Oakland,	MI	17,512	11,335	1,201	1,105	14,581	10,258	3711	3711	11,377	4,941	11.2	6.6	65.0	43.6
9	Hamilton,	OH	17,425	17,368	896	860	19,448	20,195	3711	3711	2,607	2,167	2.6	2.9	15.0	12.5
10	New York,	NY	16,296	13,934	3,294	2,532	4,947	5,503	2721	2721	3,236	3,121	30.1	31.2	19.9	22.4
11	Middlesex,	MA	15,579	14,336	1,409	1,313	11,057	10,919	3573	3573	2,294	1,696	5.8	5.9	14.7	11.8
12	St. Louis Ind. City,	MO	15,188	13,636	1,161	968	13,081	14,087	3721	3721	2,401	2,472	7.5	8.4	15.8	18.1
13	Philadelphia,	PA	14,801	14,628	1,326	1,231	11,162	11,883	2911	2911	2,455	2,535	1.4	1.3	16.6	17.3
14	Genesee,	MI	14,188	11,044	137	125	103,559	88,352	3711	3711	11,748	8,872	11.6	11.8	82.8	80.3
15	Ingham,	MI	13,897	—	147	—	94,536	—	3711	—	12,909	—	12.7	—	92.9	—
16	Dallas,	TX	13,579	11,516	1,272	1,168	10 675	9,860	3721	3674	1,230	753	3.8	6.8	9.1	6.5
17	Milwaukee,	WI	13,362	12,927	871	818	15,341	15,803	2082	2082	1,715	1,464	14.4	13.9	12.8	11.3
18	Orange,	CA	12,631	10,745	997	931	12,669	11,541	3662	3662	2,158	1,664	6.6	5.6	17.1	15.3
19	Jefferson,	KY	12,117	10,513	457	409	26,514	25,705	2111	2111	1,507	1,627	11.5	14.9	12.4	15.5
20	Union,	NJ	11,933	12,563	804	713	14,842	17,619	2911	2911	2,994	4,772	1.7	2.5	25.1	38.0
21	Hennepin,	MN	11,588	10,159	1,086	924	10,670	10,994	3573	3573	1,250	813	3.2	2.8	10.8	8.0
22	King,	WA	11,542	13,591	765	715	15,088	19,008	3721	3721	3,929	4,780	12.3	16.2	34.0	35.2
23	Fairfield,	CT	11,318	10,773	1,017	935	11,129	11,521	3721	3721	1,741	1,614	5.4	5.5	15.4	15.0
24	Middlesex,	NJ	11,084	11,350	706	617	15,699	18,395	3711	2911	987	2,143	1.0	1.1	8.9	18.9
25	Monroe,	NY	10,833	10,690	416	372	26,041	28,735	3861	3861	6,424	6,228	35.4	35.7	59.3	58.3
26	Bergen,	NJ	10,641	9,064	1,264	1,083	8,418	8,369	2731	2844	471	448	6.2	5.1	4.4	4.9
27	Allegheny,	PA	10,590	10,557	773	705	13,699	14,975	3312	3312	2,888	3,065	7.7	8.0	27.3	29.0
28	Marion,	IN	10,488	9,511	605	577	17,335	16,483	3724	2834	2,022	756	13.3	4.3	19.3	7.9
29	Jackson,	MO	10,425	9,965	552	461	18,886	21,615	3711	3711	2,496	2,074	2.5	2.8	23.9	20.8
30	Hartford,	CT	10,242	10,491	932	878	10,990	11,948	3724	3724	3,406	3,641	22.4	27.6	33.3	34.7
31	East Baton Rouge,	LA	10,210	10,502	138	132	73,988	79,560	2911	2911	7,983	8,242	4.4	4.3	78.2	78.5
32	Baltimore Ind. City,	MD	9,894	9,707	607	584	16,300	16,622	3312	3312	1,807	1,498	4.8	3.9	18.3	15.4
33	Tarrant,	TX	9,710	8,115	686	615	14,155	13,196	3721	3721	2,775	1,749	8.7	5.9	28.6	21.5
34	Nassau,	NY	9,647	8 561	1,125	905	8,575	9,460	3721	3721	2,360	2,438	7.4	8.3	24.5	28.5
35	Maricopa,	AZ	9,582	8,804	695	606	13,787	14,528	3674	3674	1,832	1,467	13.6	13.2	19.1	16.7
36	Lake,	IN	8,967	7,665	207	195	43,318	39,306	3312	2911	3,335	2,376	8.9	1.2	37.2	31.0
37	Delaware,	PA	8,935	9,198	244	215	36,620	42,779	2911	2911	5,360	5,535	3.0	2.9	60.0	60.2
38	Erie,	NY	8,458	8,553	609	517	13,888	16,543	3312	3312	1,129	1,298	3.0	3.4	13.3	15.2
39	Lucas,	OH	8,375	8,150	408	378	20,528	21,059	2911	2911	3,063	3,163	1.7	1.6	36.6	38.8
40	Essex,	NJ	8,038	7,027	1,021	902	7,872	7,790	2834	2833	1,066	865	5.9	27.6	13.3	12.3
41	Kings,	NY	8,019	6,654	1,294	1,131	6,197	5,884	2911	2834	399	360	0.2	2.1	5.0	5.4
42	Ramsey,	MN	7,896	7,577	407	349	19,399	21,711	3573	3573	1,657	1,345	4.2	4.7	21.0	17.7
43	Montgomery,	PA	7,875	7,132	770	679	10,227	10,503	2834	2834	729	671	4.1	3.8	9.3	9.4
44	New Haven,	CT	7,770	7,246	981	906	7,920	7,997	2821	2821	328	290	1.9	1.8	4.2	4.0
45	Galveston,	TX	7,768	7,711	57	53	136,288	145,494	2911	2911	5,708	5,739	3.1	3.0	73.5	74.4
46	Providence,	RI	7,761	7,618	1,360	1,270	5,707	5,998	3911	3911	623	758	25.9	27.0	8.0	9.9
47	San Diego,	CA	7,609	—	545	—	13,962	—	3573	—	975	—	2.5	—	12.8	—
48	Forsythe,	NC	7,581	—	147	—	51,569	—	2111	—	4,582	—	35.0	—	60.4	—
49	Contra Costa,	CA	7,372	7,254	229	210	32,194	34,540	2911	2911	4,446	4,591	2.5	2.4	60.3	63.3
50	Hudson,	NJ	7,238	7,552	791	692	9,151	10,913	2095	3661	690	1,168	12.1	7.7	9.5	15.5
	50-county total		**$721,388**	**$671,574**	**52,188**	**46,791**	**$13,823**	**$14,353**	**N.A.**	**N.A.**	**$200,131**	**$182, 442**	**N.A.**	**N.A.**	**27.7%**	**27.2%**

N.A.—Not Applicable.

Total Shipments: Gross value of all products produced by manufacturing establishments with 20 or more employees. **Total Plants:** The number of manufacturing establishments with 20 or more employees. **Average Shipments Per Plant:** Mathematical average computed by dividing total plants into total shipments. **Leading SIC Industry:** The 4-digit manufacturing industry with the largest volume of shipments among those in the county. **Shipments:** The next three columns refer to shipments by plants located in the listed county, those shipments as a share of the SIC industry's U.S. total, and also as a share of the county's all-manufacturing total (which can be found in data **Section B**, state and county listings). All figures relate to the particular 4-digit SIC industry that appears in the preceeding column. For definitions of these SICs, see data **Section A**, page 50.

Note: Details may not add to totals due to rounding. Blanks indicate the unavailability of 1982 data.

Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power.*

Sales & Marketing Management.

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SURVEY HIGHLIGHT

Profile of the 50 biggest manufacturing industries

1983 Rank	SIC	Industry	Shipments ($ Mil.) 1983	Shipments ($ Mil.) 1982	Total Plants 1983	Total Plants 1982	Average Shipments Per Plant ($ Mil.) 1983	Average Shipments Per Plant ($ Mil.) 1982	Index U.S.=100 1983	Index U.S.=100 1982	% Shipments Large Plants 1983	% Shipments Large Plants 1982
1	2911	Petroleum refining	$181,383	$191,772	366	352	$495,581	$544,806	3,796	4,021	90%	91%
2	3711	Motor vehicles & car bodies	101,531	75,271	188	179	540,060	420,506	4,136	3,103	99	99
3	2011	Meat-packing plants	44,155	49,264	1,007	1,002	43,848	49,166	335	362	79	80
4	3714	Motor-vehicle parts & accessories	42,500	37,370	1,278	1,249	33,255	29,920	254	220	92	93
5	3573	Electronic computing equipment	39,347	28,719	1,263	1,214	31,154	23,657	238	174	91	90
6	3312	Blast furnaces & steel mills	37,640	38,264	381	357	98,792	107,182	756	791	97	98
7	2869	Industrial organic chemicals, N.E.C.	36,770	32,112	553	525	66,491	61,166	509	451	86	87
8	3662	Radio & TV communication equipment	32,673	29,496	1,272	1,215	25,686	24,276	196	179	89	89
9	3721	Aircraft	32,030	29,419	126	123	254,204	239,176	1,947	1,765	99	99
10	3079	Miscellaneous plastics products	29,894	27,282	5,134	4,892	5,823	5,577	44	41	62	65
11	2711	Newspapers	21,331	20,027	2,577	2,458	8,277	8,148	63	60	74	75
12	2621	Paper mills, except bldg. paper	20,860	18,637	353	343	59,094	54,335	452	401	96	97
13	3861	Photographic equip. & supplies	18,122	17,436	425	397	42,641	43,920	326	324	84	86
14	2834	Pharmaceutical preparations	17,952	17,426	496	464	36,194	37,555	277	277	92	92
15	2821	Plastics materials & resins	17,495	16,487	498	484	35,130	34,063	269	251	83	85
16	2086	Bottled & canned soft drinks	17,140	15,587	1,642	1,607	10,438	9,699	79	71	54	56
17	2026	Fluid milk	17,105	18,828	975	972	17,543	19,370	134	142	67	69
18	3661	Telephone & telegraph apparatus	15,996	15,243	248	228	64,498	66,856	494	493	96	97
19	3724	Aircraft engines & engine parts	15,180	13,211	173	163	87,747	81,050	672	598	95	95
20	2752	Commercial printing, lithographic	14,771	15,190	1,990	1,904	7,422	7,978	56	58	49	52
21	3674	Semiconductors & related devices	13,443	11,092	387	315	34,735	35,212	266	259	94	94
22	2111	Cigarettes	13,094	10,886	10	10	1,309,360	1,088,580	10,029	8,034	100	100
23	2051	Bread, cake, & related products	12,501	11,394	1,423	1,376	8,785	8,281	67	61	81	82
24	3585	Refrigeration & heating equipment	12,443	12,509	565	551	22,022	22,702	168	167	90	89
25	3679	Electronic components, N.E.C.	12,366	—	1,799	—	6,874	—	52	—	79	—
26	2421	Sawmills & planing mills, general	12,302	12,463	2,024	1,957	6,078	6,368	46	46	54	57
27	3531	Construction machinery	12,051	16,201	530	516	22,738	31,397	174	231	90	91
28	2082	Malt beverages	11,935	10,507	79	83	151,077	126,586	1,157	934	98	98
29	2819	Industrial inorganic chem., N.E.C.	11,708	11,487	622	599	18,824	19,177	144	141	85	84
30	2631	Paperboard mills	11,056	10,040	205	203	53,931	49,457	413	365	93	93
31	2721	Periodicals	10,743	10,018	966	929	11,122	10,784	85	79	66	67
32	2013	Sausage & other prepared meats	10,632	11,983	803	760	13,241	15,768	101	116	69	70
33	3011	Tires and inner tubes	10,501	—	129	—	81,401	—	623	—	97	—
34	2653	Corrugated & solid fiber boxes	10,335	10,175	1,129	1,100	9,154	9,250	70	68	72	73
35	2824	Organic fibers, noncellulosic	10,214	9,433	55	58	185,713	162,641	1,422	1,200	99	99
36	3411	Metal cans	9,785	9,556	335	336	29,209	28,446	223	209	89	90
37	2022	Cheese, natural & processed	9,663	10,103	340	327	28,420	30,896	217	228	64	65
38	3443	Fabricated plate work, boiler shops	9,545	9,514	1,337	1,262	7,139	7,538	54	55	68	71
39	2647	Sanitary paper products	9,519	8,689	109	107	87,330	81,207	668	599	92	92
40	3728	Aircraft equipment, N.E.C.	9,459	10,139	635	606	14,897	16,731	114	123	86	87
41	3523	Farm machinery & equipment	9,414	10,237	893	873	10,542	11,726	80	86	77	80
42	3761	Guided missiles & space vehicles	9,264	9,079	68	72	136,231	126,099	1,043	930	98	98
43	2016	Poultry dressing plants	9,204	9,409	308	297	29,884	31,679	228	233	94	95
44	2033	Canned fruits & vegetables	9,152	—	674	—	13,579	—	104	—	86	—
45	2099	Food preparations, N.E.C.	9,144	—	793	—	11,531	—	88	—	65	—
46	2841	Soap & other detergents	8,986	9,220	284	274	31,642	33,649	242	248	77	78
47	3519	Internal combustion engines, N.E.C.	8,985	10,541	146	137	61,544	76,943	471	567	96	96
48	2851	Paints & allied products	8,928	9,227	918	886	9,725	10,414	74	76	58	61
49	2221	Weaving mills, synthetics	8,891	—	346	—	25,695	—	196	—	92	—
50	3599	Machinery, exc. electrical, N.E.C.	8,890	12,432	3,423	3,259	2,597	3,815	19	28	31	33
		50-industry total	**$1,068,025**	**$1,019,306**	**42,280**	**41,971**	**$25,261**	**$24,286**	**193**	**179**	**86%**	**85%**

N.E.C.—Not Elsewhere Classified.

Shipments: Revenue for output of all manufacturing establishments with 20 or more employees. **Total Plants:** Number of establishments with 20 or more employees. **Average Shipments Per Plant:** Mathematical average computed by dividing number of plants into total shipments. **Index:** An industry's average shipments per plant as a ratio of the all-U.S. average, $13.055 million, which represents par, or 100; number above or below 100 indicates degree of variance from the norm. **% Shipments Large Plants:** Share of industry shipments accounted for by plants with 100 or more employees.

Note: Blanks indicate the unavailability of 1982 data.

Source: *Sales & Marketing Management's 1984 Survey of Industrial & Commercial Buying Power.*

Sales & Marketing Management

Profiles and targets: SIC is my copilot

One of the most attractive aspects of the *Survey of Industrial & Commercial Buying Power's* use of the 4-digit Standard Industrial Classification (SIC) system is that sales and marketing executives can manipulate the data according to the size of their particular sales force. In other words, they can use industry data with as much or as little detail as is appropriate to their specific needs.

For example, a marketer with a sales force large enough to allow specialization by highly defined markets can use the 4-digit classifications, or **Specific Industries**, in constructing his sales strategy and deploying personnel. A marketer with a small sales force who can't afford the luxury of industry specialization can use the 2-digit **Major Groups** for the same purposes.

The Highlight table on page 10 contains summary data for all of the 2-digit **Major Groups** in the *Survey*. This same kind of summary can be developed for 3-digit **Industry Groups** by adding up data listed, where the first three digits of the industry code are the same. This information can be found in the section listing U.S. totals for all 4-digit industries, which begins on page 50.

A case in point

This kind of simple analysis can be especially helpful in the formulation of sales strategies in the major industrial or commercial counties where *Survey* data show a sizable number of 4-digit **Specific Industries**, each of which must have 1,000 or more employees in order to be listed. The Highlight table on page 23 lists the 50 biggest counties in terms of shipments/receipts, and the Highlight table on page 11, the 50 biggest in terms of total prospects (number of establishments).

Here is how a marketer who sells to SIC **Major Group** 34—fabricated metals—can make such an analysis of Cuyahoga County, OH, where Cleveland is located. The *Survey* reveals that there are, in this particular county, 14 of the 4-digit **Specific Industries** from SIC **Major Group** 34 that meet the 1,000-employees criterion. The 14 industries have 252 establishments with 20 or more employees, 76 with 100 or more employees, and shipments to-

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talling $1,885.6 million. The customer/prospect profile will look like the one in Table A.

A marketer whose sales force is too small to permit each salesperson to concentrate on a **Specific Industry** can make use of the 3-digit SIC groupings. This customer-prospect file will look like the one in Table B (Industry Groups).

Finally, a marketer whose sales force is too small for even that level of specialization can use the basic 2-digit SIC **Major Group** for planning. His customer-prospect profile is very brief indeed, like the one in Table C, with only one entry.

In each case, the marketer can compare the appropriate aggregates with the **"All Manufacturing"** totals that appear in the State & County Data section that begins on page 55. This tells him the relative importance of each classification in a particular county.

For example, the 4-digit **Specific Industry** of SIC 3465—automotive stamping, accounts for 0.26% of all manufacturing establishments in Cuyahoga County, 0.61% of large manufacturing establishments, and 2.18% of the county's total shipments in manufacturing.

Relevant shares for the 2-digit and 3-digit listings from Tables B and C can also be calculated by matching the appropriate industry aggregates of the county to the relevant U.S. SIC totals from Section A. The percent of U.S. shipments figure will indicate to the marketer the share of his total business that will come from Cuyahoga County, and the percent of total establishments and large establishments will suggest the degree of territory concentration that should be applied to each county in question.

Cuyahoga County: A series of customer/prospect profiles

TABLE A: 4-digit Specific Industries

SIC	Specific Industry	Total Establishments	Large Establishments	Total Shipments/ Receipts ($ Mil.)
3429	Hardware, N.E.C.	14	5	$ 88.9
3433	Heating equip., exc. elect. & warm air	10	3	45.7
3441	Fabricated structural metal	29	7	106.2
3444	Sheet-metal work	22	3	56.4
3451	Screw machine products	36	4	78.2
3452	Bolts, nuts, rivets, & washers	32	15	238.5
3462	Iron & steel forgings	26	7	138.6
3463	Nonferrous forgings	3	1	201.1
3465	Automotive stamping	5	3	392.7
3469	Metal stampings, N.E.C.	42	15	191.3
3471	Plating & polishing	41	—	46.6
3494	Valves & pipe fittings	18	3	97.5
3496	Misc. fabricated wire products	13	4	37.4
3499	Fabricated metal products, N.E.C.	37	6	166.5

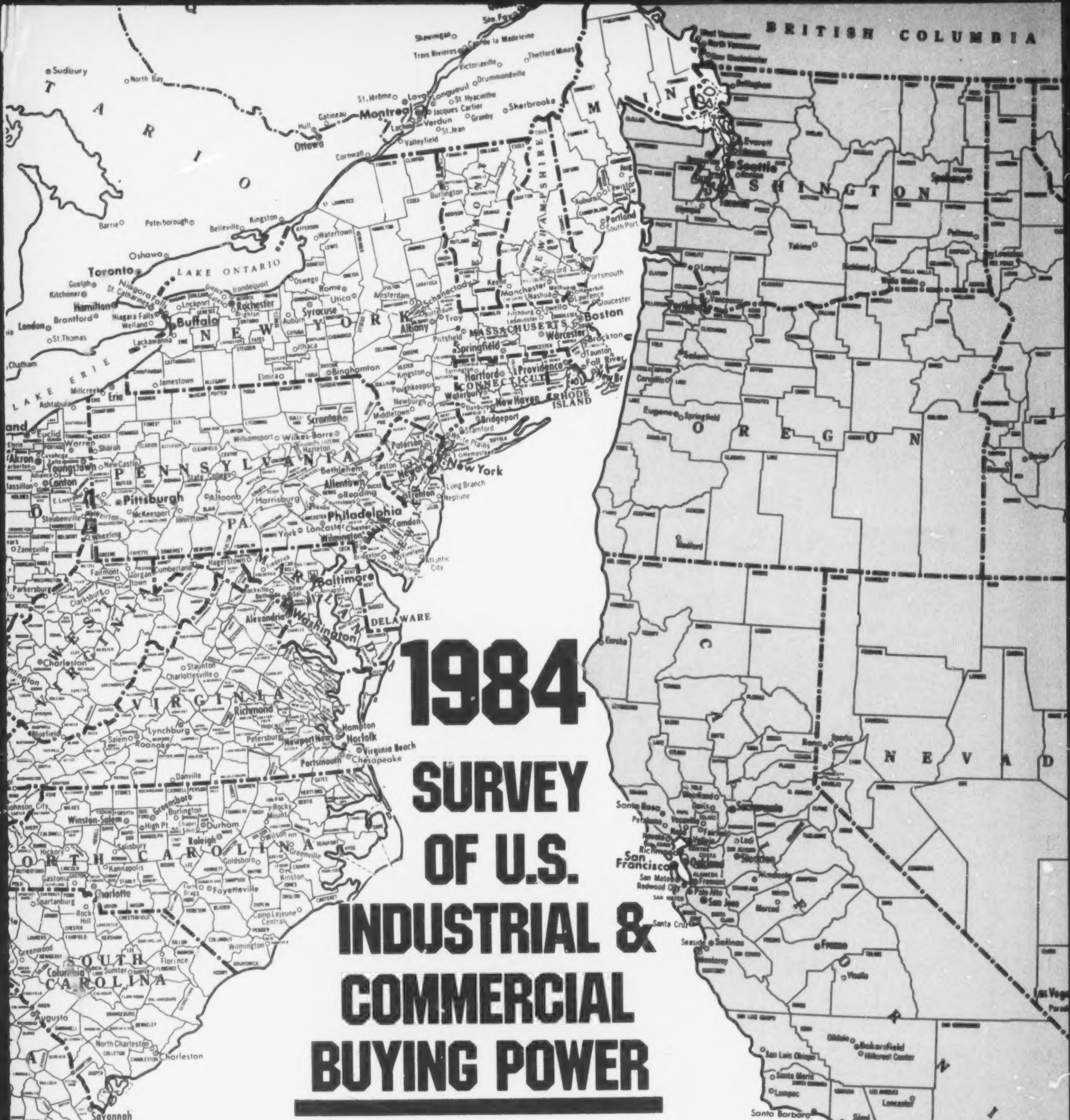
Note: **N.E.C.**—Not Elsewhere Classified.

TABLE B: 3-digit Industry Groups

SIC	Industry Group	Total Establishments	Large Establishments	Total Shipments/ Receipts ($ Mil.)
342	Cutlery, hand tools, & gen. hardware	14	5	$ 88.9
343	Heating equip., exc. elect. & warm air; plumbing fixtures	10	3	45.7
344	Fabricated structural metal products	51	10	162.6
345	Screw machinery products & bolts, nuts, screws, rivets, & washers	68	19	316.7
346	Metal forgings & stampings	76	26	923.7
347	Coatings, engravings, & allied services	41	—	46.6
349	Misc. fabricated metal products	68	13	301.4

TABLE C: 2-digit Major Groups

SIC	Major Group	Total Establishments	Large Establishments	Total Shipments/ Receipts ($ Mil.)
34	Fabricated metals	328	76	$1,885.6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WASHINGTON
OREGON
NEVADA
CALIFORNIA
ONTARIO
LAKE ONTARIO
LAKE ERIE
NEW YORK
PENNSYLVANIA
MASSACHUSETTS
CONNECTICUT
RHODE ISLAND
NEW HAMPSHIRE
DELAWARE
MARYLAND
WEST VIRGINIA
VIRGINIA
NORTH CAROLINA
SOUTH CAROLINA
Montreal
Ottawa
Toronto
Buffalo
Rochester
Syracuse
Albany
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Springfield
Hartford
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New York
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Baltimore
Washington
Richmond
Norfolk
Charlotte
Raleigh
Savannah
Jacksonville
Charleston
Seattle
Portland
Salem
Eugene
Medford
Eureka
Reno
Sacramento
San Francisco
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1984 SURVEY OF U.S. INDUSTRIAL & COMMERCIAL BUYING POWER

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SIC: The system explained

The **Standard Industrial Classification (SIC)** system was developed by the federal government to facilitate the collection and analysis of data pertaining to all industries involved in economic activity in the U.S.

Within the system, each major area of activity, referred to as a **Division** (A,B,C, etc.), is first assigned a range of 2-digit classification codes. For example, the manufacturing division (Division D), includes SICs 20 to 39, with each 2-digit designation denoting a **Major Group**, such as SIC 20—Food. These, in turn, are subdivided into more than 150 3-digit **Industry Groups**, such as SIC 208—beverages. At the next level of detail, 4-digit **Specific Industries** are identified (SIC 2082—malt beverages, or SIC 2086—bottled & canned soft drinks.)

The *Survey of Industrial & Commercial Buying Power* uses these 4-digit classification codes, since this is the level of detail most widely used by marketers.

The basic reporting unit in the SIC system is the *Individual Establishment*, defined as a "single physical location where business is conducted or where services or industrial operations are performed." Thus, establishments should never be confused with entire companies, which may consist of one or more separate establishments, depending on the number of actual physical locations involved. Where "distinct and separate economic activities" are performed at a single location, each activity is treated as an establishment, in accordance with the guidelines on classification in the government's *Standard Industrial Classification Manual*.

SIC data in the *Survey of Industrial & Commercial Buying Power* is presented in two different configurations. First, as U.S. totals for establishments and shipment dollars, listed by 4-digit SIC for the industries surveyed, and then by state and county for all counties that meet the following criteria: When a 4-digit industry has 1,000 or more employees in that county—otherwise, an "all-manufacturing" total will be the only entry for that particular county.

It is this geographically oriented information that tells the industrial marketer (1) where his prospects are located and (2), because *Survey* data shows a county's percentage of total U.S. shipments for each 4-digit industry listed, the county's relative importance in a given industry. The marketer can also gain valuable insights into a county's industrial mix by noting the individual SICs listed under that county name.

It should be mentioned that SIC data, despite their usefulness, have certain limitations. First, because the total output of a multiproduct establishment must be assigned to a single 4-digit industry (an unavoidable consequence of this type of system), the shipments total for that industry will be somewhat overstated. Conversely, the totals of the establishment's secondary products or services will be understated.

Nondisclosure rule

The second and more serious limitation—and at the same time the *Survey's* biggest plus—is the nondisclosure rule that bars the Census Bureau from publishing data that may disclose the operations of an individual employer. In other words, a large establishment that dominates a county's statistical listing cannot—by law—be listed, since the data for the county would constitute a virtual profile of this company's business operations. Because the largest establishments in a county are often affected by this rule, their shipments/receipts totals would be excluded from the Census Bureau's industry totals, leading to an understatement at the local level.

Trinet, the data information company from whose data bank the *Survey* statistics are drawn, does not face this same restriction and can include any such establishments in their totals.

For a more detailed listing of all industries, their codes, and their definitions, the *Standard Industrial Classification Manual* is available from the U.S. Government Printing Office (GPO), Washington, DC 20402; price: $15. The 1977 *Supplement*, which incorporates some minor revisions and additions, is also available from the GPO, at a cost of $2.

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SECTION A: 1983 U.S. TOTALS

U.S. establishment and shipments/receipts totals for 4-digit SIC industries

The U.S. establishment and shipments/receipts totals in this section cover all of the 4-digit SIC industries in the *Survey of Industrial & Commercial Buying Power* and provide insights into the total customer base (establishments) available to the sales force, as well as the potential market demand (shipments/receipts).

When used in conjunction with the state and county data in **Section B** (page 55), the totals shown here can be used to calculate the relative importance of individual counties that make up sales territories. For example, Calhoun County, MI, accounts for more than 40% of the output of SIC 2043—cereal breakfast foods. Closer investigation reveals that this county is home to not only Kellogg but also General Foods and Ralston Purina. This type of data that can identify an area of high potential for a company marketing such products as wheat, flour, rice, and sugar, as well as companies that deal with packaging and containers, can prove to be highly valuable information in the mapping and staffing of territories, allocation of funds, etc.

Employment data, on the other hand, can be used to estimate employment at the county level by (1) calculating a shipments-per-employee value for a specific 4-digit SIC and (2) dividing that value into the county's total shipments/receipts figure in the 4-digit group in question.

A more in-depth explanation of the government's SIC coding system can be found on page 48, "SIC: The system explained."

1983 (S&MM Est.)

MINING

SIC 10 Metals

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
1011	Iron-ore mining	63	42	17,853	1,974.1	94
1021	Copper-ore mining	61	43	25,633	2,269.5	97

SIC 12 Bituminous coal & lignite

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
1211	Bituminous-coal & lignite mining	1,067	406	158,201	18,374.5	83

SIC 13 Oil & gas

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
1311	Crude petroleum & natural gas	2,503	77	74,480	40,175.4	19
1381	Oil- & gas-well drilling services	1,031	66	45,177	5,438.1	40
1382	Oil- & gas-field exploration services	801	27	29,167	848.9	30

SIC 14 Nonmetallic minerals, except fuels

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
1422	Crushed- & broken-limestone quarrying	705	146	55,350	3,698.8	65

CONSTRUCTION

SIC 16 Heavy-construction contractors

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
1611	Highway & street construction	1,987	500	187,261	15,927.7	74
1622	Bridge & tunnel construction	411	123	57,673	5,163.2	82
1623	Pipe- & utility-line construction	1,175	192	88,048	5,748.6	63
1629	Heavy construction n.e.c.	1,317	352	282,405	23,676.0	86

MANUFACTURING

SIC 20 Food

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2011	Meat-packing plants	1,007	305	140,036	44,155.3	79
2013	Sausages & other prepared meats	803	203	79,438	10,632.2	69
2016	Poultry-dressing plants	308	209	70,486	9,204.3	94
2017	Poultry & egg processing	259	118	39,279	1,362.4	83
2021	Creamery butter	106	15	6,497	1,118.0	40
2022	Natural & processed cheese	340	78	29,217	9,662.7	64
2023	Condensed & evaporated milk	191	46	16,343	4,728.8	59
2024	Ice cream & frozen desserts	366	82	29,221	2,763.9	59
2026	Fluid milk	975	316	93,507	17,104.6	67
2032	Canned food specialties	100	44	21,200	3,945.5	89
2033	Canned fruits & vegetables	674	327	122,309	9,152.1	66
2034	Dehydrated fruits, vegetables, & soups	117	52	18,954	1,585.8	85
2035	Pickles, sauces, & salad dressings	218	72	24,023	3,843.3	75
2037	Frozen fruits & vegetables	270	139	55,712	4,902.3	89
2038	Frozen food specialties	160	71	30,664	4,655.0	86
2041	Flour & other grain-mill products	236	60	20,135	5,182.6	61
2043	Cereal breakfast foods	45	27	18,578	4,099.0	95
2044	Rice milling	52	16	5,653	2,387.5	74
2045	Blended & prepared flour	70	24	7,098	1,318.0	70
2046	Wet corn milling	56	27	13,414	3,927.8	91
2047	Pet food	157	50	16,538	3,777.9	74
2048	Prepared feeds n.e.c.	1,086	79	53,479	8,595.9	30
2051	Bread, cake, & related products	1,423	567	185,968	12,500.5	81
2052	Cookies & crackers	205	84	41,200	4,505.6	87
2061	Raw cane sugar	56	34	14,412	1,390.4	93
2062	Cane-sugar refining	30	20	10,738	3,842.9	95
2063	Beet sugar	49	40	10,412	1,907.4	96
2065	Confectionery products	485	144	62,092	6,345.2	75
2066	Chocolate & cocoa products	68	27	14,007	2,203.2	85
2067	Chewing gum	17	12	7,125	831.6	96
2074	Cottonseed-oil mills	76	11	5,851	961.4	41
2075	Soybean-oil mills	83	26	6,845	8,487.2	53
2076	Vegetable-oil mills n.e.c.	29	9	2,212	504.0	61
2077	Animal & marine fats & oils	211	26	11,708	1,502.7	33
2079	Shortening & cooking oils n.e.c.	85	40	12,076	4,782.5	82
2082	Malt beverages	79	61	41,749	11,935.1	98
2083	Malt	28	9	2,137	806.0	60
2084	Wines, brandy, & brandy spirits	155	34	13,671	2,599.7	64
2085	Distilled liquor, except brandy	108	45	21,344	4,199.3	87
2086	Bottled & canned soft drinks	1,642	323	122,857	17,139.6	54
2087	Flavoring extracts & syrups n.e.c.	194	33	13,328	4,000.1	51
2091	Canned & cured seafoods	155	53	18,803	2,558.4	73

DEFINITIONS: **SIC**: 4-digit classification used by the federal government (see page 48). **Industry**: Classification by an establishment's primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Employment**: Number of persons employed in establishments with 20 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% In Large Establishments**: Share of shipments/Receipts accounted for by establishments with 100 or more employees. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2092	Fresh or frozen packaged seafoods	371	69	29,537	3,140.3	55
2095	Roasted coffee	108	40	15,698	5,698.1	83
2097	Manufactured ice	155	5	6,380	77.9	15
2098	Macaroni & spaghetti	70	26	7,401	894.9	73
2099	Food preparations n.e.c.	793	209	71,875	9,144.0	65

SIC 21 Tobacco

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2111	Cigarettes	10	10	45,722	13,093.6	100
2121	Cigars	50	26	9,353	365.4	89
2131	Chewing & smoking tobacco & snuff	23	17	4,823	822.0	92
2141	Tobacco stemming & redrying	75	42	13,507	3,457.0	89

SIC 22 Textile-mill products

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2211	Cotton-weaving mills	371	265	147,090	5,377.1	97
2221	Synthetics- & silk-weaving mills	346	199	88,836	8,890.5	92
2231	Wool-fabric weaving & finishing mills	178	89	33,911	845.1	87
2241	Narrow-fabric mills	299	88	26,700	906.3	65
2251	Women's full- & knee-length hosiery	168	81	33,944	1,375.1	88
2252	Hosiery n.e.c.	264	101	32,557	1,399.4	77
2253	Knit-outerwear mills	487	186	64,297	2,936.5	78
2254	Knit-underwear mills	87	58	28,880	939.5	94
2257	Circular-knit fabric mills	157	53	19,618	3,119.9	76
2258	Warp-knit fabric mills	92	42	13,846	1,915.4	82
2259	Knitting mills n.e.c.	45	9	4,348	84.7	62
2261	Cotton-finishing plants	217	86	43,906	1,092.5	86
2262	Synthetics- & silk-finishing plants	104	49	23,117	3,019.8	88
2269	Textile-finishing plants n.e.c	140	56	16,830	724.4	78
2271	Woven carpets & rugs	37	10	4,489	214.4	75
2272	Tufted carpets & rugs	187	103	41,293	5,908.4	90
2279	Carpets & rugs n.e.c.	39	8	2,841	82.2	60
2281	Yarn-spinning mills, except wool	371	263	83,866	4,735.3	93
2282	Throwing & winding mills, except wool	91	60	17,113	1,957.8	91
2283	Wool-yarn mills	82	46	15,539	358.7	88
2284	Thread mills	55	31	11,309	748.7	91
2291	Felt goods, except woven felts & hats	65	27	8,241	218.6	79
2292	Lace goods	54	16	6,004	67.3	73
2293	Paddings & upholstery filling	80	15	5,610	286.9	49
2294	Processed textile waste	124	18	7,375	254.8	39
2295	Coated fabrics, not rubberized	130	35	13,279	1,033.6	71
2296	Tire cord & fabric	26	20	10,641	1,084.4	97
2297	Nonwoven fabrics	40	15	6,158	1,308.6	83
2298	Cordage & twine	116	37	11,717	339.5	74
2299	Textile goods n.e.c.	124	29	11,928	320.5	66

SIC 23 Apparel

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2311	Men's & boys' suits & coats	427	238	84,301	3,204.2	89
2321	Men's & boys' shirts & nightwear	583	368	112,486	3,870.5	90
2322	Men's & boys' underwear	71	51	18,495	412.3	94
2323	Men's & boys' neckwear	114	23	7,830	294.8	51
2327	Men's & boys' separate trousers	364	264	79,368	2,264.2	93
2328	Men's & boys' work clothing	423	280	88,151	4,844.9	91
2329	Men's & boys' clothing n.e.c.	478	202	57,696	1,468.3	76
2331	Women's & misses' blouses	549	174	54,221	2,979.1	64
2335	Women's & misses' dresses	1,169	296	106,758	4,168.4	59
2337	Women's & misses' suits & coats	508	130	44,416	3,895.3	58
2339	Women's & misses' outerwear n.e.c.	917	307	97,347	4,677.2	68
2341	Women's & children's underwear	492	267	82,101	2,644.7	86
2342	Brassieres, girdles, & allied garments	118	66	22,396	659.0	88
2351	Millinery	46	4	2,265	65.3	29
2352	Hats & caps, except millinery	163	51	14,639	554.3	65
2361	Girls' & children's dresses & blouses	261	95	27,178	1,129.6	70
2363	Girls' & children's coats & suits	61	21	5,793	154.2	65
2369	Girls' & children's outerwear n.e.c.	252	96	31,202	869.8	75
2371	Fur goods	111	5	4,652	232.8	16
2381	Fabric dress & work gloves	126	49	16,093	283.9	76
2384	Robes & dressing gowns	83	30	8,461	365.0	69
2385	Waterproof outer garments	104	36	11,730	392.3	72
2386	Leather- & sheep-lined clothing	60	18	5,199	183.2	61
2387	Apparel belts	110	27	8,603	512.1	57
2389	Apparel & accessories n.e.c.	117	15	7,441	325.7	42
2391	Curtains & draperies	339	69	27,248	966.9	59
2392	House furnishings n.e.c.	352	96	31,551	2,937.6	64
2393	Textile bags	146	35	11,187	386.6	55
2394	Canvas & related products	281	30	14,396	513.3	36
2395	Pleating, stitching, & tucking	158	22	9,112	714.2	40
2396	Automotive & apparel trimmings	182	35	19,226	2,344.4	67
2397	Schiffli-machine embroideries	50	3	2,501	173.8	33
2399	Fabricated textile products n.e.c.	345	74	28,249	1,210.0	60

SIC 24 Lumber & wood products

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2411	Logging camps & contractors	444	37	23,879	5,882.6	38
2421	General sawmills & planing mills	2,024	359	151,261	12,302.2	54
2426	Hardwood dimension & flooring	401	75	29,744	993.6	50

1983 (S&MM Est.)

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2429	Special-product sawmills n.e.c.	82	6	4,767	193.2	36
2431	Millwork	1,268	190	85,566	4,955.8	50
2434	Wood kitchen cabinets	466	76	33,441	1,977.0	54
2435	Hardwood veneer & plywood	281	100	31,539	1,731.2	73
2436	Softwood veneer & plywood	215	132	37,128	4,264.3	89
2439	Structural wood members n.e.c.	387	47	24,492	807.2	41
2441	Nailed & lock-corner wood boxes	192	31	12,052	207.6	45
2448	Wood pallets & skids	372	21	16,575	753.1	20
2449	Wood containers n.e.c.	125	41	11,402	361.4	68
2451	Mobile homes	416	181	48,114	5,045.7	72
2452	Prefabricated wood buildings	335	74	25,438	1,953.0	54
2491	Wood preserving	249	25	13,410	1,402.1	29
2492	Particleboard	74	46	18,515	611.8	92
2499	Wood products n.e.c.	1,011	185	75,870	3,389.8	56

SIC 25 Furniture

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2511	Wood household furniture	920	331	123,342	5,923.0	80
2512	Upholstered wood household furniture	843	249	87,023	4,391.1	68
2514	Metal household furniture	253	99	30,851	1,759.0	79
2515	Mattresses & bedsprings	442	75	31,995	2,236.1	52
2517	Wood TV & radio cabinets	31	17	10,180	340.2	94
2519	Household furniture n.e.c.	85	19	6,700	511.5	57
2521	Wood office furniture	139	40	17,407	1,265.9	75
2522	Metal office furniture	163	70	29,159	3,264.9	85
2531	Public-building & related furniture	257	75	26,622	1,380.7	71
2541	Wood partitions & fixtures	414	59	25,447	1,622.5	44
2542	Metal partitions & fixtures	309	73	26,342	2,199.5	61
2591	Drapery hardware & blinds & shades	152	28	14,660	1,258.9	67
2599	Furniture & fixtures n.e.c.	193	30	11,497	1,105.8	46

SIC 26 Paper

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2611	Pulp mills	65	38	21,758	3,185.7	94
2621	Paper mills, except building paper	353	243	136,235	20,860.3	96
2631	Paperboard mills	205	132	60,132	11,055.9	93
2641	Paper coating & glazing	351	106	45,490	5,656.0	76
2642	Envelopes	230	96	27,631	1,806.6	77
2643	Bags, except textile bags	401	148	51,125	6,229.6	77
2645	Die-cut paper & board	212	37	15,599	1,251.8	52
2646	Pressed & molded pulp goods	30	11	4,793	271.5	81
2647	Sanitary paper products	109	58	29,821	9,519.0	92
2648	Stationery products	80	38	10,878	981.2	81
2649	Converted paper products n.e.c.	432	101	42,144	2,694.6	66
2651	Folding paperboard boxes	488	171	48,996	3,419.8	70
2652	Set-up paperboard boxes	198	48	14,699	468.9	54
2653	Corrugated & solid fiber boxes	1,129	453	107,199	10,335.3	72
2654	Sanitary food containers	123	69	26,235	2,617.9	90
2655	Fiber cans, drums, & similar products	225	46	16,837	1,397.7	52
2661	Building-paper & building-board mills	94	44	14,180	883.6	84

SIC 27 Printing & publishing

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2711	Newspapers	2,577	626	301,724	21,330.7	74
2721	Periodicals	966	167	83,364	10,743.4	66
2731	Book publishing	568	182	78,282	7,593.2	79
2732	Book printing	168	60	32,417	2,829.2	85
2741	Miscellaneous publishing	463	109	41,830	2,502.5	64
2751	Letterpress commercial printing	2,886	361	189,602	4,769.8	48
2752	Lithographic commercial printing	1,990	304	128,582	14,770.5	49
2753	Engraving & plate printing	194	30	13,587	347.6	53
2754	Gravure commercial printing	47	21	6,389	2,208.0	85
2761	Manifold business forms	442	131	45,345	5,444.2	70
2771	Greeting-card publishing	79	29	20,503	2,220.0	89
2782	Blankbooks & looseleaf binders	257	88	26,305	2,122.5	72
2789	Bookbinding & related work	291	51	20,005	821.5	52
2791	Typesetting	343	33	17,906	882.7	32
2793	Photoengraving	174	23	9,419	246.9	36
2795	Printers' platemaking services n.e.c	74	4	3,140	1,111.8	22

SIC 28 Chemicals

SIC	Industry	Establishments Total	Establishments Large	Employ-ment	Shipments/ Receipts ($ Mil.)	% In Large Estab.
2812	Alkalies & chlorine	69	38	19,505	1,441.1	92
2813	Industrial gases	356	30	17,042	1,088.6	31
2816	Inorganic pigments	100	36	12,406	1,635.6	78
2819	Industrial inorganic chemicals n.e.c.	622	213	115,847	11,708.3	85
2821	Plastics materials & synthetic resins	498	187	83,915	17,494.5	83
2822	Synthetic rubber	52	36	21,621	3,093.6	96
2823	Cellulosic man-made fibers	13	12	26,146	1,515.9	100
2824	Noncellulosic synthetic organic fibers	55	41	62,483	10,214.2	99
2831	Biological products	96	33	11,633	1,502.8	78
2833	Medicinals & botanicals	116	37	16,771	3,190.7	79
2834	Pharmaceutical preparations	496	227	[illegible]931	17,952.2	92
2841	Soap & other detergents	284	70	35,222	8,986.4	77
2842	Polishes & sanitation goods	535	92	39,132	4,343.9	55
2843	Surface-active agents	77	15	5,591	1,959.3	48
2844	Toilet preparations	287	123	57,690	8,764.3	89

1983 (S&MM Est.)

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
2851	Paints & allied products	918	193	70,925	8,927.7	58
2861	Gum & wood chemicals	79	20	7,225	562.4	68
2865	Cyclic crudes & intermediates	198	78	29,426	7,647.8	81
2869	Industrial organic chemicals n.e.c.	553	208	108,654	36,769.6	86
2873	Nitrogenous fertilizers	207	56	20,237	4,286.8	68
2874	Phosphatic fertilizers	92	36	16,813	5,141.5	86
2875	Fertilizers - mixing only	320	17	13,959	2,386.4	17
2879	Agricultural chemicals n.e.c.	179	18	9,385	6,396.8	32
2891	Adhesives & sealants	329	73	27,370	2,338.5	63
2892	Explosives	[illegible]	25	12,311	1,020.6	84
2893	Printing ink	228	31	13,115	1,145.2	45
2895	Carbon black	28	8	2,685	768.4	58
2899	Chemical preparations n.e.c.	783	145	55,602	5,636.6	54

SIC 29 Petroleum refining & coal products

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
2911	Petroleum refining	366	176	90,889	181,382.7	90
2951	Paving mixtures & blocks	663	107	43,126	944.2	44
2952	Asphalt felts & coatings	210	64	20,250	2,826.4	67
2992	Lubricating oils & greases	292	37	17,334	2,100.2	42
2999	Petroleum & coal products n.e.c.	44	8	2,537	700.7	44

SIC 30 Rubber & miscellaneous plastics

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3011	Tires & inner tubes	129	76	81,770	10,500.7	97
3021	Rubber & plastic footwear	36	27	13,120	664.0	97
3031	Reclaimed rubber	18	4	1,216	39.5	50
3041	Rubber & plastic hose & belting	174	79	30,202	2,012.2	87
3069	Fabricated rubber products n.e.c.	898	302	114,342	5,702.8	77
3079	Miscellaneous plastics products	5,134	1,247	438,191	29,894.4	62

SIC 31 Leather

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3111	Leather tanning & finishing	249	72	23,816	1,516.2	66
3131	Boot & shoe cut stock & findings	147	38	12,131	391.0	58
3142	House slippers	52	26	8,467	218.4	84
3143	Men's nonathletic footwear	178	142	56,200	2,063.8	97
3144	Women's nonathletic footwear	173	132	43,242	1,604.6	95
3149	Nonrubber footwear n.e.c.	189	126	42,697	711.5	92
3151	Leather gloves & mittens	67	17	5,900	158.8	61
3161	Luggage	126	36	15,143	742.7	73
3171	Women's handbags & purses	140	42	14,817	481.1	71
3172	Personal leather goods n.e.c.	123	35	13,244	341.7	70
3199	Leather goods n.e.c.	157	29	9,794	290.8	48

SIC 32 Stone, clay, glass & concrete

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3211	Flat glass	92	39	26,315	1,680.1	92
3221	Glass containers	129	109	63,588	4,919.7	99
3229	Pressed & blown glass n.e.c.	209	99	60,751	3,273.7	92
3231	Products of purchased glass	412	95	31,782	2,571.1	61
3241	Hydraulic cement	188	128	29,730	3,729.5	88
3251	Brick & structural clay tile	298	73	24,161	728.7	52
3253	Ceramic wall & floor tile	62	33	8,805	438.6	87
3255	Clay refractories	116	32	11,006	841.1	63
3259	Structural clay products n.e.c.	71	25	7,062	138.3	71
3261	Vitreous plumbing fixtures	43	31	9,775	546.3	95
3262	Vitreous china food utensils	22	15	8,382	278.7	96
3263	Fine-earthenware food utensils	11	8	3,504	105.0	95
3264	Porcelain electrical supplies	74	34	12,135	549.6	86
3269	Pottery products n.e.c.	141	29	11,534	298.5	58
3271	Concrete block & brick	716	41	30,625	883.1	18
3272	Concrete products n.e.c.	1,203	161	72,491	2,946.4	43
3273	Ready-mixed concrete	1,677	133	82,797	6,064.6	30
3274	Lime	224	34	16,043	648.4	49
3275	Gypsum products	95	56	11,602	1,307.3	83
3281	Cut stone & stone products	370	38	18,409	334.9	32
3291	Abrasive products	219	47	22,666	3,029.5	68
3292	Asbestos products	116	52	17,245	885.1	84
3293	Gaskets, packing, & sealing devices	256	74	32,820	1,712.5	78
3295	Ground or treated minerals & earths	611	67	33,243	1,043.7	38
3296	Mineral wool	116	48	22,102	2,333.9	88
3297	Nonclay refractories	92	38	13,041	999.4	80
3299	Nonmetallic mineral products n.e.c.	86	16	6,110	392.2	55

DEFINITIONS: **SIC:** 4-digit classification used by the federal government (see page 48). **Industry:** Classification by an establishment's primary product or service. **Total Establishments:** Those with 20 or more employees. **Large Establishments:** Those with 100 or more employees. **Employment:** Number of persons employed in establishments with 20 or more employees. **Shipments/Receipts:** Total dollar value of goods produced or distributed, or services rendered. **% In Large Establishments:** Share of shipments/Receipts accounted for by establishments with 100 or more employees. **N.E.C.:** Not Elsewhere Classified.

1983 (S&MM Est.)

SIC 33 Primary metal

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3312	Blast furnaces & steel mills	381	211	283,058	37,639.8	97
3313	Electrometallurgical products	42	15	6,473	756.4	80
3315	Steel wire & related products	171	62	24,136	1,955.2	79
3316	Cold-rolled steel sheet, strip, & bars	241	92	51,283	2,193.9	87
3317	Steel pipe & tubes	243	116	64,464	3,280.4	91
3321	Gray-iron foundries	762	304	124,691	7,807.8	83
3322	Malleable-iron foundries	68	36	15,986	440.8	91
3324	Steel-investment foundries	67	21	8,929	835.5	81
3325	Steel foundries n.e.c.	315	156	58,381	2,836.1	88
3331	Primary copper	44	23	21,059	5,229.1	95
3332	Primary lead	25	11	3,425	924.5	83
3333	Primary zinc	22	11	3,934	456.1	87
3334	Primary aluminum	53	32	35,648	6,406.0	97
3339	Primary nonferrous metals n.e.c.	109	30	11,033	1,759.5	69
3341	Secondary nonferrous metals	271	65	23,375	4,320.3	63
3351	Copper rolling & drawing	117	69	28,356	4,627.3	92
3353	Aluminum sheet, plate, & foil	66	39	29,954	8,598.6	96
3354	Aluminum extruded products	158	79	25,465	2,840.6	85
3355	Aluminum rolling & drawing n.e.c.	68	27	9,910	1,167.5	81
3356	Nonferrous rolling & drawing n.e.c.	165	50	23,193	3,684.7	80
3357	Nonferrous-wire drawing & insulating	298	160	59,821	8,586.1	89
3361	Aluminum foundries	528	144	47,988	3,139.1	67
3362	Brass, bronze, & copper foundries	293	55	20,819	671.8	56
3369	Nonferrous foundries n.e.c.	301	82	31,192	917.8	69
3398	Metal heat treating	291	27	14,310	1,057.3	31
3399	Primary metal products n.e.c.	229	43	16,414	1,349.0	53

SIC 34 Fabricated metal

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3411	Metal cans	335	187	60,628	9,785.1	89
3412	Metal shipping barrels, drums, & pails	180	42	14,809	1,187.3	55
3421	Cutlery	77	31	12,787	776.3	84
3423	Hand & edge tools n.e.c.	408	125	47,892	2,892.6	76
3425	Hand saws & saw blades	81	28	8,428	509.7	77
3429	Hardware n.e.c.	664	189	85,090	5,590.4	76
3431	Metal sanitary ware	86	27	11,674	518.7	75
3432	Plumbing fittings & brass goods	159	81	26,502	1,378.2	88
3433	Heating equipment, except electric	442	126	47,169	1,750.3	73
3441	Fabricated structural metal	1,805	329	131,380	8,213.2	53
3442	Metal doors, sash, & trim	1,035	243	86,652	4,312.1	61
3443	Fabricated plate work (boiler shops)	1,337	328	132,910	9,545.1	68
3444	Sheet-metal work	2,061	270	121,009	5,741.6	42
3446	Architectural & ornamental metal work	336	42	20,506	1,084.3	42
3448	Prefabricated metal buildings	278	85	31,992	2,287.9	74
3449	Miscellaneous metal work	435	68	27,701	2,090.4	46
3451	Screw-machine products	981	97	49,252	2,031.8	33
3452	Bolts, nuts, rivets, & washers	576	179	65,808	4,142.7	75
3462	Iron & steel forgings	421	137	58,157	3,666.0	79
3463	Nonferrous forgings	46	25	10,267	1,117.8	92
3465	Automotive stampings	203	97	75,586	8,570.0	94
3466	Crowns & closures	47	27	8,978	730.1	88
3469	Metal stampings n.e.c.	1,378	299	110,511	6,372.0	59
3471	Plating & polishing	1,175	104	57,897	1,939.4	29
3479	Metal coating & allied services n.e.c	609	79	36,762	2,119.1	44
3482	Small-arms ammunition	41	12	12,839	817.7	91
3483	Ammunition, except small-arms, n.e.c.	82	35	28,027	1,261.3	92
3484	Small arms	55	21	16,968	1,178.7	91
3489	Ordnance & accessories n.e.c.	96	26	12,972	1,488.2	77
3493	Steel springs, except wire	121	32	11,201	434.2	67
3494	Valves & pipe fittings	775	290	109,956	8,685.5	81
3495	Wire springs	202	47	17,221	955.3	65
3496	Miscellaneous fabricated wire products	783	185	66,847	1,675.5	63
3497	Metal foil & leaf	29	9	3,249	1,204.9	72
3498	Fabricated pipe & fittings	391	80	31,270	2,668.8	58
3499	Fabricated metal products n.e.c.	1,055	198	79,853	4,210.2	57

SIC 35 Nonelectrical machinery

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3511	Turbines & turbine-generator set units	90	33	49,530	2,989.4	96
3519	Internal-combustion engines n.e.c.	146	65	82,188	8,985.4	96
3523	Farm machinery & equipment	893	218	126,950	9,414.4	77
3524	Lawn & garden equipment	119	51	29,504	1,386.4	90
3531	Construction machinery	530	216	136,720	12,051.3	90
3532	Mining machinery	286	92	44,196	1,793.4	79
3533	Oil-field machinery	456	154	63,410	8,373.1	80
3534	Elevators & moving stairways	154	38	16,555	583.0	71
3535	Conveyors & conveying equipment	434	108	39,208	2,005.9	65
3536	Hoists, industrial cranes, & monorails	195	53	23,303	991.8	76
3537	Industrial trucks & tractors	321	93	45,729	1,618.8	78
3541	Metal-cutting machine tools	716	167	74,592	3,705.0	71
3542	Metal-forming machine tools	268	69	27,350	1,000.0	71
3544	Special dies, tools, jigs, & fixtures	2,382	205	117,120	2,976.6	33
3545	Machine-tool accessories	741	137	61,225	2,441.1	62

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SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3546	Power-driven hand tools	99	47	26,677	1,409.6	92
3547	Rolling-mill machinery	54	23	8,961	477.6	86
3549	Metalworking machinery n.e.c.	230	66	20,511	990.3	66
3551	Food-products machinery	512	138	47,123	2,110.0	67
3552	Textile machinery	353	82	36,602	1,061.0	70
3553	Woodworking machinery	176	33	11,858	723.5	50
3554	Paper-industries machinery	157	50	20,310	1,249.2	77
3555	Printing-trades machinery	291	77	30,461	1,870.9	72
3559	Special-industry machinery n.e.c.	976	224	91,184	4,325.7	67
3561	Pumps & pumping equipment	509	165	71,664	5,287.9	80
3562	Ball & roller bearings	165	89	53,893	3,260.0	94
3563	Air & gas compressors	159	63	32,945	2,625.2	88
3564	Blowers & exhaust & ventilation fans	361	101	38,111	1,590.6	73
3565	Industrial patterns	171	9	6,962	191.8	16
3566	Speed changers, drives, & gears	172	65	26,725	1,432.4	83
3567	Industrial-process furnaces & ovens	253	64	23,032	855.9	65
3568	Power-transmission equipment n.e.c.	299	113	40,991	1,830.5	80
3569	General industrial machinery n.e.c.	768	183	75,436	3,269.6	67
3573	Electronic computing equipment	1,263	571	326,908	39,347.1	91
3574	Calculating & accounting machines	62	27	14,930	1,714.9	89
3576	Scales & balances, except laboratory	85	27	8,402	543.4	73
3579	Office machines n.e.c.	209	84	51,361	4,866.9	89
3581	Automatic merchandising machines	53	19	7,690	532.2	79
3582	Commercial laundry equipment	68	18	7,167	278.0	69
3585	Refrigeration & heating equipment	565	236	135,735	12,442.5	90
3586	Measuring & dispensing pumps	31	13	4,209	518.4	85
3589	Service-industry machinery n.e.c.	403	110	38,100	2,181.3	68
3592	Carburetors, pistons, rings, & valves	103	46	28,537	2,368.8	91
3599	Machinery, except electrical, n.e.c.	3,423	253	166,271	8,889.5	31

SIC 36 Electric & electronic equipment

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3612	Transformers	292	115	58,370	2,780.2	86
3613	Switchgear & switchboard apparatus	408	153	73,086	4,414.1	85
3621	Motors & generators	438	230	114,375	6,124.9	92
3622	Industrial controls	499	162	73,994	4,139.8	81
3623	Electric welding apparatus	155	47	20,880	1,663.9	79
3624	Carbon & graphite products	65	33	16,658	1,315.7	91
3629	Electrical industrial apparatus n.e.c.	185	44	18,730	1,097.4	68
3631	Household cooking equipment	76	47	27,139	2,861.0	96
3632	Household refrigerators & freezers	38	21	27,139	3,086.0	97
3633	Household laundry equipment	23	14	19,610	2,580.6	98
3634	Electric housewares & fans	193	111	45,824	3,481.4	92
3635	Household vacuum cleaners	26	14	10,831	876.5	95
3636	Sewing machines	48	13	6,020	339.1	77
3639	Household appliances n.e.c.	54	27	12,934	1,646.1	91
3641	Electric lamps	111	62	29,037	2,147.7	93
3643	Current-carrying wiring devices	392	178	63,180	2,907.9	84
3644	Non-current-carrying wiring devices	125	46	18,484	2,552.9	80
3645	Residential electric lighting fixtures	239	67	21,707	1,185.1	66
3646	Commercial electric lighting fixtures	125	45	15,422	1,719.3	77
3647	Vehicular lighting equipment	40	21	12,498	1,029.5	93
3648	Lighting equipment n.e.c.	178	54	18,015	1,173.1	67
3651	Radio & TV receiving sets	309	140	73,147	6,803.7	90
3652	Phonograph records & pre-recorded tape	140	35	18,279	1,556.5	77
3661	Telephone & telegraph apparatus	248	130	143,574	15,995.6	96
3662	Radio & TV communication equipment	1,272	505	308,923	32,672.6	89
3671	Electron tubes	48	22	18,983	2,488.4	95
3674	Semiconductors & related devices	387	175	126,774	13,442.5	94
3675	Electronic capacitors	90	49	20,937	1,332.9	92
3676	Electronic resistors	66	34	15,726	919.2	90
3677	Electronic coils & transformers	202	80	21,034	891.1	74
3678	Electronic connectors	121	57	25,098	2,675.5	89
3679	Electronic components n.e.c.	1,799	625	252,016	12,365.7	79
3691	Storage batteries	147	86	30,192	2,833.5	91
3692	Dry & wet primary batteries	45	28	11,502	1,133.1	94
3693	X-ray apparatus & tubes	139	58	23,961	3,474.4	86
3694	Engine electrical equipment	209	85	74,331	4,438.9	93
3699	Electrical equipment & supplies n.e.c.	221	48	19,650	1,143.0	61

SIC 37 Transportation equipment

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3711	Motor vehicles & passenger-car bodies	188	112	323,382	101,531.3	99
3713	Truck & bus bodies	434	115	80,729	2,483.9	84
3714	Motor-vehicle parts & accessories	1,278	590	372,832	42,499.5	92
3715	Truck trailers	233	79	30,081	2,473.1	79
3721	Aircraft	126	75	267,777	32,029.7	97
3724	Aircraft engines & engine parts	173	77	96,926	15,180.2	95
3728	Aircraft equipment n.e.c.	635	236	125,406	9,459.3	86
3731	Ship building & repairing	372	187	165,378	8,874.8	95
3732	Boat building & repairing	476	97	37,558	1,949.9	59
3743	Railroad equipment	213	87	54,163	2,947.1	89
3751	Motorcycles, bicycles, & parts	70	27	15,542	1,281.7	89
3761	Guided missiles & space vehicles	68	38	67,967	9,263.7	98

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SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3764	Space-propulsion units & parts	22	17	9,301	2,047.2	98
3769	Space-vehicle equipment n.e.c.	65	27	16,004	1,569.6	91
3792	Travel trailers & campers	239	83	25,767	1,088.7	70
3795	Tanks & tank components	38	5	5,989	1,347.0	77
3799	Transportation equipment n.e.c.	123	27	9,980	560.1	61

SIC 38 Instruments

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3811	Engineering & scientific instruments	549	172	66,055	2,684.6	76
3822	Environmental controls	203	72	41,798	1,573.6	87
3823	Industrial process-control instruments	378	99	60,010	3,409.6	80
3824	Fluid meters & counting devices	99	41	16,910	890.7	86
3825	Electricity-measuring instruments	425	180	75,968	5,613.6	86
3829	Measuring & controlling devices n.e.c.	354	104	35,754	1,637.2	70
3832	Optical instruments & lenses	290	76	35,604	2,972.3	76
3841	Surgical & medical instruments	343	140	54,695	3,034.3	83
3842	Surgical appliances & supplies	476	154	63,944	4,455.5	78
3843	Dental equipment & supplies	175	43	16,479	1,183.2	69
3851	Ophthalmic goods	300	86	32,135	1,071.3	73
3861	Photographic equipment & supplies	425	125	86,594	18,122.3	84
3873	Watches, clocks, & watchcases	124	54	27,830	1,262.8	89

SIC 39 Miscellaneous manufacturing

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
3911	Precious-metal jewelry	521	93	37,987	2,403.8	55
3914	Silverware & plated & stainless ware	84	27	11,582	573.0	83
3915	Jewelers' materials & lapidary work	128	18	9,082	593.9	51
3931	Musical instruments & parts	179	69	25,714	1,067.3	84
3942	Dolls & stuffed toy animals	90	28	8,260	384.0	66
3944	Games, toys, & children's vehicles	297	124	49,792	4,387.1	85
3949	Sporting & athletic goods n.e.c.	585	159	61,692	2,921.7	71
3951	Pens & mechanical pencils	98	37	15,168	1,069.5	81
3952	Lead pencils & art goods	77	28	8,680	358.9	77
3953	Marking devices	174	13	8,853	206.8	35
3955	Carbon paper & inked ribbons	69	22	5,997	588.6	68
3961	Costume jewelry	304	64	24,051	858.7	59
3962	Artificial flowers	95	12	5,865	191.3	39
3963	Buttons	64	14	3,740	97.8	53
3964	Needles, pins, & fasteners	136	44	15,890	712.8	74
3991	Brooms & brushes	205	50	18,105	654.2	62
3993	Signs & advertising displays	963	104	52,761	1,676.3	37
3995	Burial caskets	166	21	11,002	484.5	47
3996	Hard-surface floor coverings n.e.c.	15	8	7,930	578.6	96
3999	Manufactures n.e.c.	809	150	63,883	2,698.2	58

TRANSPORTATION AND PUBLIC UTILITIES

SIC 40 Railroads

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
4011	Line-haul-operating railroads	392	172	311,507	14,244.2	97

SIC 49 Electric, gas, & sanitary services

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
4911	Electric services	1,982	307	349,426	60,629.0	83
4912	Nuclear power	88	78	72,034	13,617.1	99
4922	Natural-gas transmission	821	52	48,704	13,547.4	56
4923	Gas transmission & distribution	347	44	36,404	11,189.3	74
4924	Natural-gas distribution	592	86	57,277	12,534.2	71
4931	Electric & other services combined	346	99	176,323	33,498.6	94

WHOLESALE TRADE

SIC 50 Wholesale trade in durable goods

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
5051	Metals service centers & sales offices	1,739	138	82,438	54,808.8	40
5063	Electrical-power-equipment wholesalers	2,373	130	90,599	35,827.6	30
5065	Electronic-parts wholesalers	1,024	90	44,805	17,913.5	39
5081	Commercial-equipment wholesalers	1,484	113	81,733	12,481.0	46
5084	Industrial-machinery distributors	4,036	103	135,037	37,854.0	17
5085	Industrial-supply distributors	4,273	64	122,549	33,505.5	12

FINANCE, INSURANCE, AND REAL ESTATE

SIC 60 Banking

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
6025	National banks, federal reserve system	4,519	716	683,064	107,035.7	85

SERVICES

SIC 70 Hotels & other lodging places

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
7011	Hotels, motels, & tourist courts	5,201	625	476,296	17,434.9	66

SIC 73 Business services

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
7372	Computer programming & software	968	257	138,665	9,426.4	80
7374	Data-processing services	1,318	218	94,721	6,461.0	64

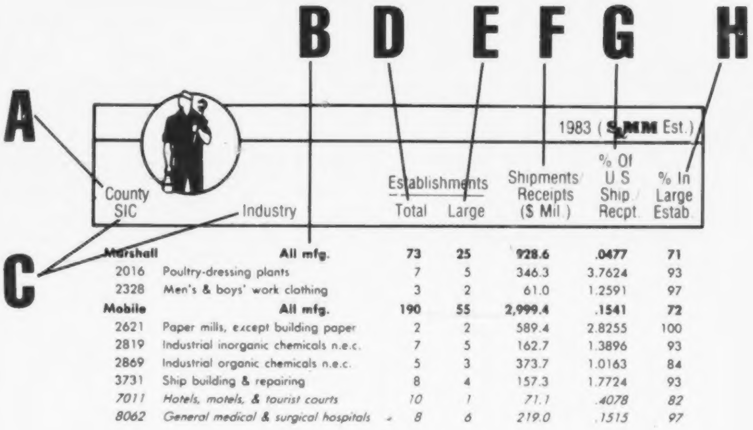
SIC 80 Health

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
8062	General medical & surgical hospitals	6,392	4,713	2,907,535	144,511.1	97

SIC 82 Education

SIC	Industry	Establishments Total	Establishments Large	Employment	Shipments/ Receipts ($ Mil.)	% In Large Estab
8221	Colleges & universities n.e.c.	1,602	683	416,862	20,569.3	91

Guide to using S&MM's Survey of Industrial & Commercial Buying Power



County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	1983 (S&MM Est.) % Of U.S. Ship./ Recpt.	% In Large Estab.
Marshall	**All mfg.**	**73**	**25**	**928.6**	**.0477**	**71**
2016	Poultry-dressing plants	7	5	346.3	3.7624	93
2328	Men's & boys' work clothing	3	2	61.0	1.2591	97
Mobile	**All mfg.**	**190**	**55**	**2,999.4**	**.1541**	**72**
2621	Paper mills, except building paper	2	2	589.4	2.8255	100
2819	Industrial inorganic chemicals n.e.c.	7	5	162.7	1.3896	93
2869	Industrial organic chemicals n.e.c.	5	3	373.7	1.0163	84
3731	Ship building & repairing	8	4	157.3	1.7724	93
7011	*Hotels, motels, & tourist courts*	*10*	*1*	*71.1*	*.4078*	*82*
8062	*General medical & surgical hospitals*	*8*	*6*	*219.0*	*.1515*	*97*

A. Counties with at least one establishment of 20 or more employees in any 4-digit manufacturing SIC or any of the *SICBP's* selected 4-digit nonmanufacturing SICs are listed alphabetically, by state. In each county, individual 4-digit SIC industries with an aggregate employment of 1,000 or more are listed below the corresponding county name. Industries are identified at the 4-digit level of the **Standard Industrial Classification (SIC)** system used by the federal government, since this is the level of detail most often used by marketers. For a more in-depth discussion of the SIC system, see the article that begins on page 48. CAUTION: The county "All mfg." totals *will* add up to the U.S. total, although the individual 4-digit SIC industry totals for counties *will not* add up to the U.S. totals shown in **Section A** (page 50), since an industry will not appear under a county if it has less than 1,000 employees.

B. The "All mfg." line that appears for each county listed refers to the overall total for all of the manufacturing establishments in that county with more than 20 employees. If there are no 4-digit industries employing 1,000 or more people in a particular county, the "All mfg." line will be the only data listed for that country.

C. The 4-digit SIC codes listed under a county name indicate that this industry has an aggregate employment of 1,000 or more in that county. The industry definitions for each 4-digit code are found to the right of the number. Nonmanufacturing entries are printed in italics. A more complete listing of all SIC coded industries and their titles is in the ***Standard Industrial Classification Manual*** (U.S. Government Printing Office, Washington, DC 20402; price: $15). It should be noted, however, that the *Survey* lists a few more 4-digit industries than the SIC manual, since we have retained certain industries that have been merged by the federal government into catchall groups.

D. The total number of establishments with 20 or more employees. For a detailed definition of what constitutes an establishment, see the SIC article on page 48. The *Survey* lists establishments with 20 or more employees because these locations typically account for 90%–95% of an industry's activity.

E. Large establishments are locations with 100 or more employees. Since they generally account for a greater share of a county's total activity, a separate total of such establishments is provided. They can most often be considered the key selling prospects in a county.

F. The total shipments/receipts figure is the dollar value of the goods produced or distributed, or the services provided. Shipments is the term commonly used in mining and manufacturing industries; receipts in all other industries. Figures are shown in millions of dollars.

G. The figure showing the percentage of U.S. shipments/receipts indicates a county's importance relative to others, either in the "All mfg." area or in separate SIC industries. The two ratios make it easier for marketers to pinpoint those counties that are most important to their product or service. It should be noted, however, that the "All mfg." percentage figures pertain to a county's share of total U.S. shipments/receipts, whereas the percentage figures for 4-digit SICs refer to the county's share of the U.S. total *in that particular industry only*. Thus, within a county, percentages for 4-digit manufacturing industries will not add up to the percentage total for "All mfg.".

H. The portion of a county's business volume accounted for by large establishments (100 or more employees), suggests the necessary level of sales coverage. Normally, the higher the percentage, the fewer salespeople required.

SECTION B: 1983 STATE & COUNTY TOTALS

State and county totals for manufacturing and nonmanufacturing industries surveyed

		1983 (S&MM Est.)				
County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
ALABAMA						
Autauga	**All mfg.**	**8**	**4**	**134.6**	**.0069**	**95**
Baldwin	**All mfg.**	**39**	**12**	**316.8**	**.0163**	**69**
Barbour	**All mfg.**	**33**	**10**	**170.5**	**.0088**	**61**
Bibb	**All mfg.**	**15**	**3**	**75.8**	**.0039**	**46**
Blount	**All mfg.**	**11**	**5**	**93.8**	**.0048**	**87**
Bullock	**All mfg.**	**5**	**5**	**105.6**	**.0054**	**100**
Butler	**All mfg.**	**21**	**7**	**185.0**	**.0095**	**67**
Calhoun	**All mfg.**	**72**	**32**	**688.2**	**.0353**	**80**
2281	Yarn-spinning mills, except wool	3	3	59.4	1.2544	100
3494	Valves & pipe fittings	3	3	83.8	.9648	100
Chambers	**All mfg.**	**20**	**12**	**404.5**	**.0208**	**95**
2211	Cotton-weaving mills	7	7	212.0	3.9426	100
Cherokee	**All mfg.**	**6**	**5**	**42.3**	**.0022**	**94**
Chilton	**All mfg.**	**18**	**5**	**80.7**	**.0041**	**68**
Choctaw	**All mfg.**	**9**	**6**	**466.2**	**.0239**	**98**
Clarke	**All mfg.**	**21**	**9**	**277.1**	**.0142**	**62**
Clay	**All mfg.**	**14**	**6**	**142.7**	**.0073**	**72**
Cleburne	**All mfg.**	**8**	**5**	**76.0**	**.0039**	**94**
Coffee	**All mfg.**	**28**	**10**	**225.0**	**.0116**	**73**
Colbert	**All mfg.**	**56**	**15**	**1,441.1**	**.0740**	**92**
3334	Primary aluminum	1	1	242.6	3.7871	100
3353	Aluminum sheet, plate, & foil	1	1	717.6	8.3455	100
4911	*Electric services*	*2*	*2*	*185.1*	*.3053*	*100*
Conecuh	**All mfg.**	**7**	**3**	**50.1**	**.0026**	**59**
Coosa	**All mfg.**	**10**	**3**	**52.3**	**.0027**	**61**
Covington	**All mfg.**	**32**	**16**	**393.7**	**.0202**	**84**
2321	Men's & boys' shirts & nightwear	3	3	68.1	1.7595	100
Crenshaw	**All mfg.**	**9**	**2**	**83.1**	**.0043**	**68**
Cullman	**All mfg.**	**32**	**15**	**395.9**	**.0203**	**85**
Dale	**All mfg.**	**20**	**5**	**364.0**	**.0187**	**78**
3011	Tires & inner tubes	1	1	192.7	1.8351	100
Dallas	**All mfg.**	**40**	**17**	**463.7**	**.0238**	**79**
De Kalb	**All mfg.**	**53**	**22**	**279.5**	**.0144**	**77**
2252	Hosiery n.e.c.	19	4	56.1	4.0089	46
Elmore	**All mfg.**	**12**	**5**	**134.5**	**.0069**	**79**
2211	Cotton-weaving mills	1	1	63.9	1.1884	100
Escambia	**All mfg.**	**25**	**9**	**382.5**	**.0196**	**85**
Etowah	**All mfg.**	**67**	**19**	**812.9**	**.0418**	**78**
3312	Blast furnaces & steel mills	1	1	345.8	.9187	100
8062	*General medical & surgical hospitals*	*3*	*2*	*57.2*	*.0396*	*93*
Fayette	**All mfg.**	**17**	**5**	**178.3**	**.0092**	**76**
Franklin	**All mfg.**	**29**	**12**	**180.2**	**.0093**	**67**
Geneva	**All mfg.**	**17**	**9**	**110.2**	**.0057**	**75**
2321	Men's & boys' shirts & nightwear	6	6	48.2	1.2453	100
Greene	**All mfg.**	**2**	**1**	**11.5**	**.0006**	**76**
Hale	**All mfg.**	**14**	**2**	**108.8**	**.0056**	**40**
Henry	**All mfg.**	**17**	**3**	**118.3**	**.0061**	**38**
Houston	**All mfg.**	**52**	**23**	**605.1**	**.0311**	**81**
3069	Fabricated rubber products n.e.c.	1	1	49.9	.8750	100
4912	*Nuclear power*	*1*	*1*	*196.4*	*1.4423*	*100*
8062	*General medical & surgical hospitals*	*2*	*2*	*49.9*	*.0345*	*100*
Jackson	**All mfg.**	**30**	**15**	**647.7**	**.0333**	**93**
4911	*Electric services*	*2*	*1*	*178.4*	*.2942*	*96*
Jefferson	**All mfg.**	**492**	**134**	**4,131.1**	**.2122**	**70**
1211	*Bituminous-coal & lignite mining*	*27*	*13*	*529.8*	*2.8833*	*88*
1611	*Highway & street construction*	*11*	*3*	*93.1*	*.5845*	*76*
1622	*Bridge & tunnel construction*	*7*	*2*	*165.6*	*3.2073*	*87*
1629	*Heavy construction n.e.c.*	*14*	*4*	*420.1*	*1.7744*	*89*
2752	Lithographic commercial printing	23	3	169.7	1.1489	46
3241	Hydraulic cement	4	4	167.6	4.4939	100
3312	Blast furnaces & steel mills	13	9	355.0	.9432	96
3321	Gray-iron foundries	11	6	284.3	3.6412	94
3441	Fabricated structural metal	17	4	125.3	1.5256	70
3443	Fabricated plate work (boiler shops)	21	7	157.3	1.6480	71
3494	Valves & pipe fittings	4	3	109.3	1.2584	94
3721	Aircraft	1	1	119.6	.3734	100
4011	*Line-haul-operating railroads*	*1*	*1*	*47.5*	*.3335*	*100*
4911	*Electric services*	*4*	*3*	*1,247.2*	*2.0571*	*99*
4924	*Natural-gas distribution*	*3*	*3*	*290.6*	*2.3185*	*100*
6025	*National banks, federal reserve system*	*3*	*2*	*276.0*	*.2579*	*99*
8062	*General medical & surgical hospitals*	*18*	*17*	*667.7*	*.4620*	*99*
Lamar	**All mfg.**	**14**	**9**	**80.1**	**.0041**	**79**
2327	Men's & boys' separate trousers	6	6	30.8	1.3603	100
Lauderdale	**All mfg.**	**36**	**13**	**684.7**	**.0352**	**91**
3011	Tires & inner tubes	1	1	449.5	4.2807	100
Lawrence	**All mfg.**	**14**	**5**	**183.3**	**.0094**	**89**
Lee	**All mfg.**	**42**	**12**	**648.2**	**.0333**	**82**
2211	Cotton-weaving mills	2	2	56.3	1.0470	100
3011	Tires & inner tubes	1	1	173.4	1.6513	100
3652	Phonograph records & pre-recorded tape	1	1	106.3	6.8294	100
3949	Sporting & athletic goods n.e.c.	2	1	72.4	2.4780	98
Limestone	**All mfg.**	**19**	**12**	**311.4**	**.0160**	**94**
4912	*Nuclear power*	*1*	*1*	*239.9*	*1.7618*	*100*
Lowndes	**All mfg.**	**10**	**1**	**55.1**	**.0028**	**18**
Macon	**All mfg.**	**4**	**3**	**465.0**	**.0239**	**100**
8062	*General medical & surgical hospitals*	*3*	*2*	*77.4*	*.0536*	*96*
Madison	**All mfg.**	**147**	**49**	**2,160.0**	**.1109**	**85**
2211	Cotton-weaving mills	1	1	43.9	.8164	100
3661	Telephone & telegraph apparatus	3	1	346.1	2.1637	97
3662	Radio & TV communication equipment	8	6	210.5	.6443	98
3679	Electronic components n.e.c.	6	2	107.9	.8726	90
7372	*Computer programming & software*	*6*	*4*	*88.3*	*.9367*	*96*
8062	*General medical & surgical hospitals*	*4*	*4*	*109.8*	*.0760*	*100*
Marengo	**All mfg.**	**18**	**3**	**183.6**	**.0094**	**65**
Marion	**All mfg.**	**22**	**14**	**287.8**	**.0148**	**90**
Marshall	**All mfg.**	**73**	**25**	**928.6**	**.0477**	**71**
2016	Poultry-dressing plants	7	5	346.3	3.7624	93
2328	Men's & boys' work clothing	3	2	61.0	1.2591	97
Mobile	**All mfg.**	**190**	**55**	**2,999.4**	**.1541**	**72**
2621	Paper mills, except building paper	2	2	589.4	2.8255	100
2819	Industrial inorganic chemicals n.e.c.	7	5	162.7	1.3896	93
2869	Industrial organic chemicals n.e.c.	5	3	373.7	1.0163	84
3731	Ship building & repairing	8	4	157.3	1.7724	93
7011	*Hotels, motels, & tourist courts*	*10*	*1*	*71.1*	*.4078*	*82*
8062	*General medical & surgical hospitals*	*8*	*6*	*219.0*	*.1515*	*97*
Monroe	**All mfg.**	**14**	**7**	**267.1**	**.0137**	**86**
Montgomery	**All mfg.**	**135**	**46**	**1,302.0**	**.0669**	**75**
8062	*General medical & surgical hospitals*	*6*	*6*	*149.8*	*.1037*	*100*
Morgan	**All mfg.**	**77**	**19**	**1,670.1**	**.0858**	**85**
2821	Plastics materials & synthetic resins	1	1	260.7	1.4902	100
2824	Noncellulosic synthetic organic fibers	1	1	349.6	3.4227	100
4911	*Electric services*	*2*	*1*	*290.9*	*.4798*	*95*

DEFINITIONS: **SIC Industry:** Classification by primary product or service. **Total Establishments:** Those with 20 or more employees. **Large Establishments:** Those with 100 or more employees. **Shipments/Receipts:** Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship. Recpt.:** Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments:** Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.:** Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.:** Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
		Total	Large			
ALABAMA (Morgan, cont.)						
4912	*Nuclear power*	*2*	*2*	*479.8*	*3.5235*	*100*
Perry	**All mfg.**	**8**	**2**	**41.2**	**.0021**	**27**
Pickens	**All mfg.**	**16**	**5**	**115.0**	**.0059**	**65**
Pike	**All mfg.**	**29**	**6**	**208.4**	**.0107**	**37**
Randolph	**All mfg.**	**17**	**7**	**165.9**	**.0085**	**88**
Russell	**All mfg.**	**20**	**7**	**226.5**	**.0116**	**75**
2211	Cotton-weaving mills	3	3	54.8	1.0191	100
St. Clair	**All mfg.**	**25**	**5**	**132.1**	**.0068**	**53**
Shelby	**All mfg.**	**56**	**9**	**257.2**	**.0132**	**48**
Sumter	**All mfg.**	**18**	**6**	**134.2**	**.0069**	**68**
Talladega	**All mfg.**	**56**	**19**	**640.5**	**.0329**	**78**
2281	Yarn-spinning mills, except wool	6	5	68.9	1.4550	98
2611	Pulp mills	1	1	194.6	6.1085	100
Tallapoosa	**All mfg.**	**28**	**14**	**292.5**	**.0150**	**78**
2211	Cotton-weaving mills	4	4	67.5	1.2553	100
Tuscaloosa	**All mfg.**	**68**	**18**	**1,030.3**	**.0529**	**82**
3011	Tires & inner tubes	1	1	256.8	2.4456	100
3321	Gray-iron foundries	1	1	78.2	1.0016	100
8062	*General medical & surgical hospitals*	*5*	*4*	*287.7*	*.1991*	*99*
8221	*Colleges & universities n.e.c.*	*2*	*1*	*50.7*	*.2465*	*97*
Walker	**All mfg.**	**34**	**5**	**152.3**	**.0078**	**50**
1211	*Bituminous-coal & lignite mining*	*23*	*6*	*322.8*	*1.7568*	*71*
Washington	**All mfg.**	**8**	**4**	**490.3**	**.0252**	**97**
2869	Industrial organic chemicals n.e.c.	1	1	423.0	1.1504	100
Wilcox	**All mfg.**	**14**	**3**	**287.8**	**.0148**	**84**
2621	Paper mills, except building paper	1	1	229.6	1.1007	100
Winston	**All mfg.**	**36**	**11**	**199.9**	**.0103**	**55**
STATE TOTAL	**All mfg.**	**2,609**	**865**	**31,029.8**	**1.5938**	**78**
ALASKA						
Anchorage	**All mfg.**	**1**		**7.2**	**.0004**	**0**
6025	*National banks, federal reserve system*	*2*	*2*	*215.0*	*.2009*	*100*
8062	*General medical & surgical hospitals*	*2*	*2*	*69.4*	*.0480*	*100*
Fairbanks North Star	**All mfg.**	**1**	**1**	**257.5**	**.0132**	**100**
Juneau	**All mfg.**	**1**	**1**	**172.6**	**.0089**	**100**
Kenai Peninsula	**All mfg.**	**2**	**1**	**212.2**	**.0109**	**94**
STATE TOTAL	**All mfg.**	**5**	**3**	**649.5**	**.0334**	**97**
ARIZONA						
Apache	**All mfg.**	**7**	**3**	**97.7**	**.0050**	**81**
Cochise	**All mfg.**	**16**	**6**	**189.8**	**.0097**	**87**
8062	*General medical & surgical hospitals*	*6*	*2*	*53.9*	*.0373*	*75*
Coconino	**All mfg.**	**18**	**4**	**322.6**	**.0166**	**82**
Gila	**All mfg.**	**7**	**3**	**912.3**	**.0469**	**98**
1021	*Copper-ore mining*	*4*	*3*	*137.7*	*6.0674*	*96*
3331	Primary copper	4	3	906.2	17.3299	99
Graham	**All mfg.**	**2**		**7.0**	**.0004**	**0**
Greenlee	**All mfg.**	**1**	**1**	**496.6**	**.0255**	**100**
3331	Primary copper	1	1	496.6	9.4969	100
La Paz	**All mfg.**	**2**		**1.2**	**.0001**	**0**
Maricopa	**All mfg.**	**695**	**143**	**9,582.0**	**.4922**	**82**
1611	*Highway & street construction*	*15*	*3*	*188.5*	*1.1835*	*79*
2711	Newspapers	10	4	144.8	.6788	90
3069	Fabricated rubber products n.e.c.	4	1	67.4	1.1819	89
3079	Miscellaneous plastics products	26	3	93.5	.3128	37
3357	Nonferrous-wire drawing & insulating	2	2	157.9	1.8390	100
3441	Fabricated structural metal	19	4	114.3	1.3917	75
3444	Sheet-metal work	18	2	51.8	.9022	46
3573	Electronic computing equipment	18	6	1,078.9	2.7420	93
3585	Refrigeration & heating equipment	5	3	120.9	.9717	93
3661	Telephone & telegraph apparatus	6	2	253.4	1.5842	88
3662	Radio & TV communication equipment	12	3	638.3	1.9536	94
3674	Semiconductors & related devices	13	8	1,832.0	13.6284	99
3679	Electronic components n.e.c.	21	4	68.6	.5548	44
3713	Truck & bus bodies	3	1	47.8	1.9244	96
3724	Aircraft engines & engine parts	2	1	953.8	6.2832	99
3728	Aircraft equipment n.e.c.	20	8	607.0	6.4170	95
4911	*Electric services*	*2*	*1*	*528.2*	*.8712*	*99*
4931	*Electric & other services combined*	*1*	*1*	*615.7*	*1.8380*	*100*
6025	*National banks, federal reserve system*	*4*	*3*	*1,462.5*	*1.3664*	*100*
7011	*Hotels, motels, & tourist courts*	*54*	*12*	*240.8*	*1.3811*	*75*
8062	*General medical & surgical hospitals*	*26*	*22*	*683.3*	*.4728*	*98*
8221	*Colleges & universities n.e.c.*	*3*	*1*	*76.9*	*.3739*	*96*
Mohave	**All mfg.**	**15**	**3**	**159.8**	**.0082**	**71**
3546	Power-driven hand tools	1	1	84.6	6.0017	100
Navajo	**All mfg.**	**13**	**2**	**153.0**	**.0079**	**63**
1211	*Bituminous-coal & lignite mining*	*2*	*2*	*156.7*	*.8528*	*100*
Pima	**All mfg.**	**131**	**22**	**1,809.5**	**.0929**	**83**
1021	*Copper-ore mining*	*11*	*11*	*727.5*	*32.0555*	*100*
3331	Primary copper	1	1	255.7	4.8899	100
3573	Electronic computing equipment	3	2	404.4	1.0278	99
3674	Semiconductors & related devices	2	1	112.0	.8332	98
3761	Guided missiles & space vehicles	1	1	477.1	5.1502	100
4911	*Electric services*	*2*	*1*	*209.0*	*.3447*	*95*
7011	*Hotels, motels, & tourist courts*	*20*	*2*	*39.0*	*.2237*	*35*
8062	*General medical & surgical hospitals*	*10*	*8*	*284.9*	*.1971*	*98*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*74.0*	*.3598*	*100*
Pinal	**All mfg.**	**24**	**7**	**944.2**	**.0485**	**92**
1021	*Copper-ore mining*	*4*	*3*	*220.9*	*9.7334*	*97*
3331	Primary copper	1	1	831.9	15.9090	100
Santa Cruz	**All mfg.**	**9**	**4**	**46.0**	**.0024**	**71**
Yavapai	**All mfg.**	**11**	**2**	**60.8**	**.0031**	**55**
Yuma	**All mfg.**	**13**	**1**	**83.2**	**.0043**	**16**
STATE TOTAL	**All mfg.**	**964**	**201**	**14,865.7**	**.7636**	**83**
ARKANSAS						
Arkansas	**All mfg.**	**27**	**5**	**575.2**	**.0295**	**80**
2044	Rice milling	6	3	491.5	20.5864	88
Ashley	**All mfg.**	**22**	**8**	**402.5**	**.0207**	**81**
2621	Paper mills, except building paper	1	1	229.6	1.1007	100
Baxter	**All mfg.**	**10**	**5**	**430.1**	**.0221**	**96**
2834	Pharmaceutical preparations	1	1	376.8	2.0989	100
Benton	**All mfg.**	**61**	**27**	**771.1**	**.0396**	**83**
2016	Poultry-dressing plants	4	3	170.5	1.8524	98
3041	Rubber & plastic hose & belting	2	2	66.5	3.3048	100
3621	Motors & generators	2	2	75.0	1.2245	100
Boone	**All mfg.**	**26**	**6**	**125.3**	**.0064**	**58**
Bradley	**All mfg.**	**7**	**5**	**112.8**	**.0058**	**94**
Calhoun	**All mfg.**	**2**		**3.1**	**.0002**	**0**
Carroll	**All mfg.**	**10**	**4**	**146.2**	**.0075**	**88**
Chicot	**All mfg.**	**7**	**4**	**47.9**	**.0025**	**72**
Clark	**All mfg.**	**13**	**4**	**146.7**	**.0075**	**82**
Clay	**All mfg.**	**15**	**6**	**79.3**	**.0041**	**54**
Cleburne	**All mfg.**	**10**	**1**	**33.8**	**.0017**	**37**
Cleveland	**All mfg.**	**4**		**33.2**	**.0017**	**0**
Columbia	**All mfg.**	**23**	**7**	**281.1**	**.0144**	**66**
Conway	**All mfg.**	**13**	**5**	**185.6**	**.0095**	**73**
Craighead	**All mfg.**	**39**	**20**	**543.1**	**.0279**	**88**
3144	Women's nonathletic footwear	3	3	38.0	2.3682	100
Crawford	**All mfg.**	**21**	**3**	**150.2**	**.0077**	**30**
Crittenden	**All mfg.**	**31**	**5**	**161.1**	**.0083**	**46**
Cross	**All mfg.**	**6**	**3**	**81.4**	**.0042**	**89**
Dallas	**All mfg.**	**17**	**5**	**117.6**	**.0060**	**74**
Desha	**All mfg.**	**12**	**8**	**187.0**	**.0096**	**92**
Drew	**All mfg.**	**10**	**4**	**343.3**	**.0176**	**92**
2272	Tufted carpets & rugs	1	1	250.4	4.2380	100
Faulkner	**All mfg.**	**29**	**9**	**321.6**	**.0165**	**81**
Franklin	**All mfg.**	**12**	**3**	**106.7**	**.0055**	**78**
Fulton	**All mfg.**	**1**	**1**	**13.7**	**.0007**	**100**
Garland	**All mfg.**	**43**	**10**	**588.1**	**.0302**	**76**
2421	General sawmills & planing mills	3	1	214.2	1.7412	95
3143	Men's nonathletic footwear	1	1	64.3	3.1156	100
Grant	**All mfg.**	**9**	**4**	**69.7**	**.0036**	**86**
Greene	**All mfg.**	**14**	**7**	**268.7**	**.0138**	**94**
3621	Motors & generators	1	1	64.3	1.0498	100
Hempstead	**All mfg.**	**18**	**4**	**139.7**	**.0072**	**69**
Hot Spring	**All mfg.**	**22**	**8**	**244.6**	**.0126**	**87**
3624	Carbon & graphite products	1	1	138.2	10.5039	100
Howard	**All mfg.**	**12**	**7**	**276.8**	**.0142**	**93**
2421	General sawmills & planing mills	1	1	121.7	.9893	100
Independence	**All mfg.**	**25**	**11**	**44[illegible].8**	**.0229**	**90**
Izard	**All mfg.**	**7**	**1**	**20.7**	**.0011**	**25**
Jackson	**All mfg.**	**17**	**6**	**194.3**	**.0100**	**80**
Jefferson	**All mfg.**	**44**	**21**	**782.0**	**.0402**	**85**
2631	Paperboard mills	2	2	368.0	3.3285	100
Johnson	**All mfg.**	**17**	**6**	**159.8**	**.0082**	**81**
Lafayette	**All mfg.**	**6**	**3**	**52.9**	**.0027**	**80**
Lawrence	**All mfg.**	**14**	**4**	**69.1**	**.0035**	**74**
Lee	**All mfg.**	**3**	**2**	**27.9**	**.0014**	**75**
Lincoln	**All mfg.**	**4**	**1**	**15.9**	**.0008**	**67**

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship. Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
ARKANSAS (cont.)						
Little River	**All mfg.**	**6**	**5**	**234.1**	**.0120**	**97**
2611	Pulp mills	1	1	146.4	4.5955	100
Logan	**All mfg.**	**15**	**6**	**105.7**	**.0054**	**63**
Lonoke	**All mfg.**	**15**	**8**	**235.7**	**.0121**	**82**
3482	Small-arms ammunition	1	1	111.5	13.6358	100
Madison	**All mfg.**	**4**	**3**	**45.5**	**.0023**	**94**
Marion	**All mfg.**	**3**	**2**	**31.4**	**.0016**	**83**
Miller	**All mfg.**	**11**	**5**	**265.3**	**.0136**	**94**
3011	Tires & inner tubes	1	1	192.7	1.8351	100
Mississippi	**All mfg.**	**41**	**14**	**673.5**	**.0346**	**60**
2771	Greeting-card publishing	1	1	160.1	7.2117	100
Monroe	**All mfg.**	**4**	**2**	**9.6**	**.0005**	**53**
Montgomery	**All mfg.**	**5**	**1**	**31.2**	**.0016**	**47**
Nevada	**All mfg.**	**6**	**2**	**49.7**	**.0026**	**77**
Ouachita	**All mfg.**	**35**	**11**	**627.2**	**.0322**	**66**
Perry	**All mfg.**	**3**		**22.6**	**.0012**	**0**
Phillips	**All mfg.**	**17**	**6**	**445.4**	**.0229**	**61**
Pike	**All mfg.**	**6**	**2**	**23.0**	**.0012**	**54**
Poinsett	**All mfg.**	**15**	**6**	**156.4**	**.0080**	**77**
Polk	**All mfg.**	**16**	**3**	**151.8**	**.0078**	**78**
Pope	**All mfg.**	**22**	**9**	**494.3**	**.0254**	**86**
2038	Frozen food specialties	1	1	265.7	5.7078	100
Prairie	**All mfg.**	**4**		**5.9**	**.0003**	**0**
Pulaski	**All mfg.**	**229**	**68**	**2,285.0**	**.1174**	**76**
2335	Women's & misses' dresses	1	1	40.4	.9692	100
3621	Motors & generators	2	2	53.6	.8751	100
3661	Telephone & telegraph apparatus	2	1	244.3	1.5273	97
3873	Watches, clocks, & watchcases	2	2	124.6	9.8670	100
4911	*Electric services*	*2*	*1*	*430.4*	*.7099*	*98*
8062	*General medical & surgical hospitals*	*12*	*12*	*395.0*	*.2733*	*100*
Randolph	**All mfg.**	**14**	**6**	**113.4**	**.0058**	**81**
St. Francis	**All mfg.**	**14**	**6**	**335.8**	**.0172**	**57**
3651	Radio & TV receiving sets	1	1	121.0	1.7784	100
Saline	**All mfg.**	**20**	**4**	**340.2**	**.0175**	**87**
2819	Industrial inorganic chemicals n.e.c.	3	2	280.5	2.3957	99
Scott	**All mfg.**	**5**	**2**	**24.5**	**.0013**	**67**
Searcy	**All mfg.**	**5**	**1**	**20.7**	**.0011**	**58**
Sebastian	**All mfg.**	**139**	**47**	**1,796.7**	**.0923**	**81**
2511	Wood household furniture	8	8	87.3	1.4739	100
2512	Upholstered wood household furniture	8	3	130.4	2.9696	87
3585	Refrigeration & heating equipment	4	3	177.7	1.4282	97
3621	Motors & generators	2	1	55.2	.9012	97
3632	Household refrigerators & freezers	1	1	341.1	11.0531	100
8062	*General medical & surgical hospitals*	*1*	*1*	*114.5*	*.0792*	*100*
Sevier	**All mfg.**	**4**	**3**	**89.0**	**.0046**	**92**
Sharp	**All mfg.**	**1**		**.9**	**.0000**	**0**
Stone	**All mfg.**	**4**	**1**	**23.2**	**.0012**	**59**
Union	**All mfg.**	**40**	**10**	**1,762.0**	**.0905**	**84**
Van Buren	**All mfg.**	**6**	**3**	**45.1**	**.0023**	**85**
Washington	**All mfg.**	**54**	**22**	**775.9**	**.0399**	**85**
2016	Poultry-dressing plants	4	2	164.6	1.7883	91
2038	Frozen food specialties	1	1	227.8	4.8937	100
8062	*General medical & surgical hospitals*	*4*	*4*	*77.1*	*.0534*	*100*
White	**All mfg.**	**26**	**13**	**312.9**	**.0161**	**81**
Woodruff	**All mfg.**	**6**	**3**	**70.5**	**.0036**	**82**
Yell	**All mfg.**	**9**	**3**	**96.9**	**.0050**	**65**
2017	Poultry & egg processing	2	2	36.5	2.6791	100
STATE TOTAL	**All mfg.**	**1,487**	**520**	**20,457.6**	**1.0508**	**79**
CALIFORNIA						
Alameda	**All mfg.**	**640**	**164**	**6,387.6**	**.3281**	**75**
1611	*Highway & street construction*	*7*	*3*	*104.4*	*.6555*	*93*
2051	Bread, cake, & related products	8	5	71.3	.5704	88
2052	Cookies & crackers	5	2	138.6	3.0762	88
2653	Corrugated & solid fiber boxes	11	5	117.6	1.1378	82
2711	Newspapers	5	3	96.3	.4515	95
2842	Polishes & sanitation goods	6	3	124.2	2.8592	92
3221	Glass containers	4	4	216.6	4.4027	100
3312	Blast furnaces & steel mills	3	2	262.7	.6979	96
3411	Metal cans	7	6	342.5	3.5002	98
3519	Internal-combustion engines n.e.c.	2	2	275.3	3.0639	100
3561	Pumps & pumping equipment	8	2	76.5	1.4467	80
3573	Electronic computing equipment	10	5	336.9	.8562	94
5085	*Industrial-supply distributors*	*34*	*2*	*353.5*	*1.0551*	*31*
8062	*General medical & surgical hospitals*	*21*	*20*	*729.6*	*.5049*	*99*
8221	*Colleges & universities n.e.c.*	*6*	*4*	*293.1*	*1.4249*	*98*
Amador	**All mfg.**	**4**	**1**	**30.3**	**.0016**	**55**
Butte	**All mfg.**	**30**	**8**	**354.5**	**.0182**	**71**
8062	*General medical & surgical hospitals*	*5*	*4*	*59.6*	*.0412*	*95*
Calaveras	**All mfg.**	**7**	**2**	**46.8**	**.0024**	**65**
Colusa	**All mfg.**	**6**		**23.8**	**.0012**	**0**
Contra Costa	**All mfg.**	**229**	**81**	**7,372.4**	**.3787**	**93**
1629	*Heavy construction n.e.c.*	*9*	*4*	*90.5*	*.3822*	*82*
2062	Cane-sugar refining	1	1	572.7	14.9028	100
2819	Industrial inorganic chemicals n.e.c.	12	3	144.0	1.2299	79
2911	Petroleum refining	5	5	4,446.4	2.4514	100
3312	Blast furnaces & steel mills	1	1	138.2	.3672	100
3829	Measuring & controlling devices n.e.c.	2	2	63.2	3.8602	100
4912	*Nuclear power*	*2*	*2*	*515.8*	*3.7879*	*100*
8062	*General medical & surgical hospitals*	*13*	*10*	*272.8*	*.1888*	*97*
Del Norte	**All mfg.**	**9**	**5**	**104.0**	**.0053**	**84**
El Dorado	**All mfg.**	**7**	**1**	**32.0**	**.0016**	**51**
Fresno	**All mfg.**	**169**	**47**	**1,785.6**	**.0917**	**72**
2034	Dehydrated fruits, vegetables, & soups	10	8	180.7	11.3949	98
8062	*General medical & surgical hospitals*	*14*	*9*	*255.7*	*.1769*	*94*
Glenn	**All mfg.**	**15**	**5**	**117.9**	**.0061**	**77**
Humboldt	**All mfg.**	**34**	**13**	**350.5**	**.0180**	**78**
2421	General sawmills & planing mills	13	6	209.4	1.7021	87
4912	*Nuclear power*	*1*	*1*	*196.4*	*1.4423*	*100*
8062	*General medical & surgical hospitals*	*4*	*4*	*50.9*	*.0352*	*100*
Imperial	**All mfg.**	**14**	**3**	**134.6**	**.0069**	**62**
Inyo	**All mfg.**	**3**	**1**	**8.2**	**.0004**	**54**
Kern	**All mfg.**	**96**	**14**	**1,806.4**	**.0928**	**53**
1311	*Crude petroleum & natural gas*	*29*	*1*	*848.6*	*2.1122*	*51*
6025	*National banks, federal reserve system*	*3*	*2*	*925.5*	*.8647*	*99*
8062	*General medical & surgical hospitals*	*10*	*7*	*165.4*	*.1145*	*94*
Kings	**All mfg.**	**18**	**3**	**679.2**	**.0349**	**89**
Lassen	**All mfg.**	**7**		**20.9**	**.0011**	**0**
Los Angeles	**All mfg.**	**5,553**	**1,483**	**69,296.7**	**3.5594**	**81**
1311	*Crude petroleum & natural gas*	*64*	*7*	*1,389.3*	*3.4581*	*39*
1382	*Oil- & gas-field exploration services*	*27*	*3*	*29.9*	*- 3.5222*	*32*
1611	*Highway & street construction*	*25*	*7*	*238.5*	*1.4974*	*78*
1622	*Bridge & tunnel construction*	*12*	*3*	*164.2*	*3.1802*	*81*
1623	*Pipe- & utility-line construction*	*27*	*3*	*137.8*	*2.3971*	*47*
1629	*Heavy construction n.e.c.*	*49*	*18*	*1,3[illegible]0.9*	*5.5368*	*91*
2011	Meat-packing plants	29	13	1,150.9	2.6065	80
2013	Sausages & other prepared meats	16	8	238.4	2.2422	80
2026	Fluid milk	11	7	472.7	2.7636	92
2033	Canned fruits & vegetables	9	3	133.2	1.4554	87
2047	Pet food	4	3	253.3	6.7048	98
2051	Bread, cake, & related products	29	17	440.4	3.5231	91
2065	Confectionery products	15	3	132.5	2.0882	59
2082	Malt beverages	4	4	597.1	5.0029	100
2086	Bottled & canned soft drinks	13	5	288.9	1.6856	83
2087	Flavoring extracts & syrups n.e.c.	7	3	328.5	8.2123	88
2091	Canned & cured seafoods	4	3	495.7	19.3754	99
2095	Roasted coffee	4	2	380.5	6.6777	90
2099	Food preparations n.e.c.	27	13	525.0	5.7415	82
2253	Knit-outerwear mills	19	2	58.0	1.9751	47
2258	Warp-knit fabric mills	1	1	166.0	8.6666	100
2272	Tufted carpets & rugs	6	4	152.1	2.5743	93
2321	Men's & boys' shirts & nightwear	23	10	89.4	2.3098	76
2327	Men's & boys' separate trousers	6	3	65.0	2.8708	94
2329	Men's & boys' clothing n.e.c.	13	4	44.8	3.0511	82
2331	Women's & misses' blouses	27	11	133.7	4.4879	72
2335	Women's & misses' dresses	55	6	150.2	3.6033	44
2337	Women's & misses' suits & coats	23	7	253.4	6.5053	69
2339	Women's & misses' outerwear n.e.c.	53	19	272.7	5.8304	70
2341	Women's & children's underwear	12	7	61.4	2.3216	85
2342	Brassieres, girdles, & allied garments	8	5	75.0	11.3809	93
2391	Curtains & draperies	18	3	40.0	4.1369	44
2392	House furnishings n.e.c.	19	5	134.4	4.5752	66
2399	Fabricated textile products n.e.c.	17	4	43.9	3.6281	60
2431	Millwork	26	2	70.8	1.4286	22
2499	Wood products n.e.c.	31	5	121.3	3.5784	64
2511	Wood household furniture	51	16	219.4	3.7042	69
2512	Upholstered wood household furniture	54	13	219.5	4.9987	53
2514	Metal household furniture	21	14	192.8	10.9608	92
2515	Mattresses & bedsprings	24	9	166.4	7.4415	73
2519	Household furniture n.e.c.	12	3	76.8	15.0147	61
2521	Wood office furniture	14	4	88.0	6.9516	66
2522	Metal office furniture	1[illegible]	4	118.5	3.6295	63
2531	Public-building & related furniture	8	2	90.0	6.5184	86
2541	Wood partitions & fixtures	24	2	80.3	4.9492	32
2621	Paper mills, except building paper	9	6	287.3	1.3773	96
2642	Envelopes	14	4	81.0	4.4836	58
2643	Bags, except textile bags	21	9	291.2	4.6745	78

DEFINITIONS: **SIC Industry:** Classification by primary product or service. **Total Establishments:** Those with 20 or more employees. **Large Establishments:** Those with 100 or more employees. **Shipments/Receipts:** Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.:** Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments:** Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.:** Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.:** Not Elsewhere Classified.

County SIC	Industry	Establishments		1983 (S&MM Est.)		
		Total	Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
2651	Folding paperboard boxes	13	6	91.6	2.6785	76
2653	Corrugated & solid fiber boxes	38	13	308.0	2.9801	67
2711	Newspapers	53	20	705.4	3.3070	88
2721	Periodicals	48	7	350.0	3.2578	51
2741	Miscellaneous publishing	12	3	92.2	3.6843	77
2751	Letterpress commercial printing	77	8	100.5	2.1070	30
2752	Lithographic commercial printing	69	10	455.2	3.0818	44
2753	Engraving & plate printing	17	3	29.9	8.6018	52
2782	Blankbooks & looseleaf binders	13	8	152.2	7.1708	84
2819	Industrial inorganic chemicals n.e.c.	19	5	176.6	1.5083	64
2821	Plastics materials & synthetic resins	17	8	296.0	1.6920	72
2833	Medicinals & botanicals	6	1	192.2	6.0238	79
2834	Pharmaceutical preparations	26	12	559.6	3.1172	87
2841	Soap & other detergents	15	6	385.3	4.2876	81
2842	Polishes & sanitation goods	31	7	245.8	5.6585	60
2844	Toilet preparations	21	6	431.3	4.9211	73
2851	Paints & allied products	55	9	515.8	5.7775	55
2869	Industrial organic chemicals n.e.c.	14	5	418.5	1.1382	60
2891	Adhesives & sealants	18	5	126.2	5.3966	62
2899	Chemical preparations n.e.c.	47	6	284.6	5.0491	40
2911	Petroleum refining	19	12	11,457.1	6.3165	93
2951	Paving mixtures & blocks	9	1	24.1	2.5524	73
3069	Fabricated rubber products n.e.c.	51	15	193.5	3.3931	61
3079	Miscellaneous plastics products	220	56	1,262.4	4.2229	61
3144	Women's nonathletic footwear	11	7	84.9	5.2910	89
3171	Women's handbags & purses	11	2	36.3	7.5452	63
3221	Glass containers	8	6	236.3	4.8031	97
3231	Products of purchased glass	21	4	107.5	4.1811	45
3269	Pottery products n.e.c.	20	6	37.4	12.5293	64
3272	Concrete products n.e.c.	9	3	70.6	2.3961	87
3273	Ready-mixed concrete	25	3	136.7	2.2541	59
3293	Gaskets, packing, & sealing devices	20	4	82.3	4.8058	63
3312	Blast furnaces & steel mills	17	6	226.8	.6026	77
3317	Steel pipe & tubes	10	2	75.3	2.2955	73
3321	Gray-iron foundries	22	11	133.5	1.7098	73
3351	Copper rolling & drawing	5	4	223.7	4.8344	99
3354	Aluminum extruded products	9	7	219.2	7.7167	96
3355	Aluminum rolling & drawing n.e.c.	7	3	127.1	10.8865	83
3361	Aluminum foundries	34	3	143.6	4.5746	37
3369	Nonferrous foundries n.e.c.	28	7	64.8	7.0604	59
3398	Metal heat treating	22	1	75.1	7.1030	15
3411	Metal cans	11	8	498.5	5.0945	96
3423	Hand & edge tools n.e.c.	20	4	67.3	2.3266	50
3429	Hardware n.e.c.	70	17	516.0	9.2301	73
3432	Plumbing fittings & brass goods	12	6	149.5	10.8475	92
3433	Heating equipment, except electric	13	4	58.7	3.3537	81
3441	Fabricated structural metal	34	6	149.4	1.8190	53
3442	Metal doors, sash, & trim	37	7	137.3	3.1841	46
3443	Fabricated plate work (boiler shops)	36	8	188.0	1.9696	61
3444	Sheet-metal work	74	10	191.0	3.3266	38
3449	Miscellaneous metal work	22		76.8	3.6739	0
3451	Screw-machine products	25	3	46.6	2.2935	31
3452	Bolts, nuts, rivets, & washers	51	15	435.8	10.5197	82
3462	Iron & steel forgings	10	4	107.0	2.9187	86
3463	Nonferrous forgings	6	2	144.7	12.9451	85
3469	Metal stampings n.e.c.	45	3	111.2	1.7451	15
3471	Plating & polishing	117	15	215.8	11.1272	43
3479	Metal coating & allied services n.e.c.	53	7	150.1	7.0832	38
3483	Ammunition, except small-arms, n.e.c.	5	3	124.8	9.8946	95
3494	Valves & pipe fittings	35	10	256.5	2.9532	73
3496	Miscellaneous fabricated wire products	29	3	33.3	1.9875	26
3498	Fabricated pipe & fittings	18	5	106.8	4.0018	54
3499	Fabricated metal products n.e.c.	39	8	150.2	3.5675	57
3531	Construction machinery	20	5	169.3	1.4048	72
3533	Oil-field machinery	23	10	523.2	6.2486	86
3541	Metal-cutting machine tools	14	4	62.8	1.6950	64
3544	Special dies, tools, jigs, & fixtures	62	8	82.1	2.7582	42
3545	Machine-tool accessories	32	2	55.4	2.2695	23
3546	Power-driven hand tools	4	2	66.9	4.7460	93
3551	Food-products machinery	25	5	67.5	3.1991	42
3559	Special-industry machinery n.e.c.	28	4	104.0	2.4042	64
3561	Pumps & pumping equipment	34	12	454.2	8.5894	85
3564	Blowers & exhaust & ventilation fans	18	4	56.8	3.5710	71
3569	General industrial machinery n.e.c.	41	14	247.9	7.5820	81
3573	Electronic computing equipment	107	51	2,837.8	7.2122	89
3585	Refrigeration & heating equipment	40	9	302.4	2.4304	67
3589	Service-industry machinery n.e.c.	14	3	77.4	3.5483	66
3599	Machinery, except electrical, n.e.c.	226	13	516.1	5.8057	22
3613	Switchgear & switchboard apparatus	22	8	109.9	2.4897	72
3621	Motors & generators	14	8	95.8	1.5641	87
3622	Industrial controls	19	4	151.5	3.6596	76
3623	Electric welding apparatus	13	3	145.8	8.7625	72
3634	Electric housewares & fans	5	2	77.1	2.2146	86
3639	Household appliances n.e.c.	9	4	189.8	11.5303	89
3643	Current-carrying wiring devices	26	9	116.3	3.9994	72
3644	Non-current-carrying wiring devices	7	5	146.3	5.7307	93
3645	Residential electric lighting fixtures	21	6	97.5	8.2272	61
3646	Commercial electric lighting fixtures	14	5	136.5	7.9393	68
3648	Lighting equipment n.e.c.	15	7	96.1	8.1920	74
3651	Radio & TV receiving sets	28	18	425.8	6.2584	90
3652	Phonograph records & pre-recorded tape	17	7	149.5	9.6049	71
3661	Telephone & telegraph apparatus	11	9	240.2	1.5017	96
3662	Radio & TV communication equipment	78	34	2,630.5	8.0511	93
3674	Semiconductors & related devices	20	9	452.4	3.3654	92
3675	Electronic capacitors	7	5	78.3	5.8744	93
3677	Electronic coils & transformers	16	6	53.2	5.9701	60
3678	Electronic connectors	15	8	306.9	11.4708	93
3679	Electronic components n.e.c.	108	29	525.9	4.2529	67
3693	X-ray apparatus & tubes	7	4	146.7	4.2223	88
3711	Motor vehicles & passenger-car bodies	6	3	1,368.5	1.3479	98
3713	Truck & bus bodies	18	3	44.3	1.7835	62
3714	Motor-vehicle parts & accessories	65	20	814.8	1.9172	75
3715	Truck trailers	6	2	85.3	3.4491	87
3721	Aircraft	11	9	6,838.0	21.3489	100
3724	Aircraft engines & engine parts	8	4	299.2	1.9710	92
3728	Aircraft equipment n.e.c.	129	46	1,324.5	14.0021	79
3731	Ship building & repairing	7	5	139.8	1.5752	97
3761	Guided missiles & space vehicles	7	5	2,647.1	28.5750	100
3769	Space-vehicle equipment n.e.c.	8	5	204.7	13.0415	95
3792	Travel trailers & campers	12	7	52.4	4.8131	83
3811	Engineering & scientific instruments	28	7	88.0	3.2780	58
3822	Environmental controls	11	5	129.9	8.2550	92
3823	Industrial process-control instruments	20	6	128.3	3.7629	74
3824	Fluid meters & counting devices	7	4	81.1	9.1052	93
3825	Electricity-measuring instruments	15	4	156.5	2.7879	78
3829	Measuring & controlling devices n.e.c.	21	9	98.6	6.0225	75
3832	Optical instruments & lenses	18	4	173.7	5.8440	72
3841	Surgical & medical instruments	8	2	72.7	2.3959	76
3842	Surgical appliances & supplies	17	5	150.7	3.3823	74
3843	Dental equipment & supplies	7	3	130.6	11.0379	93
3861	Photographic equipment & supplies	29	8	465.0	2.5659	57
3944	Games, toys, & children's vehicles	14	7	497.1	11.3309	95
3949	Sporting & athletic goods n.e.c.	22	6	85.6	2.9298	62
3951	Pens & mechanical pencils	5	3	127.0	11.8747	97
3993	Signs & advertising displays	36	5	81.8	4.8798	52
3999	Manufactures n.e.c.	47	2	89.3	3.3096	12
4011	*Line-haul-operating railroads*	*2*	*1*	*441.7*	*3.1009*	*100*
4911	*Electric services*	*14*	*5*	*4,059.3*	*6.6953*	*97*
4923	*Gas transmission & distribution*	*4*	*4*	*2,020.3*	*18.0556*	*100*
5051	*Metals service centers & sales offices*	*94*	*12*	*4,114.5*	*7.5070*	*58*
5063	*Electrical-power-equipment wholesalers*	*107*	*7*	*1,944.3*	*5.4268*	*45*
5065	*Electronic-parts wholesalers*	*62*	*11*	*1,789.6*	*9.9902*	*65*
5081	*Commercial-equipment wholesalers*	*64*	*5*	*1,660.1*	*13.3010*	*83*
5084	*Industrial-machinery distributors*	*152*	*8*	*1,940.9*	*5.1273*	*37*
5085	*Industrial-supply distributors*	*172*	*2*	*1,289.6*	*3.8489*	*4*
6025	*National banks, federal reserve system*	*17*	*8*	*3,667.3*	*3.4262*	*99*
7011	*Hotels, motels, & tourist courts*	*102*	*33*	*585.9*	*3.3605*	*84*
7372	*Computer programming & software*	*64*	*18*	*842.6*	*8.9387*	*86*
7374	*Data-processing services*	*57*	*21*	*435.4*	*6.7389*	*82*
8062	*General medical & surgical hospitals*	*176*	*149*	*5,160.6*	*3.5711*	*98*
8221	*Colleges & universities n.e.c.*	*40*	*19*	*726.0*	*3.5295*	*95*
Madera	**All mfg.**	**17**	**6**	**257.5**	**.0132**	**78**
Marin	**All mfg.**	**39**	**6**	**268.1**	**.0138**	**63**
8062	*General medical & surgical hospitals*	*6*	*3*	*60.3*	*.0417*	*82*
Mariposa						
7011	*Hotels, motels, & tourist courts*	*2*	*1*	*37.4*	*.2145*	*97*
Mendocino	**All mfg.**	**28**	**5**	**145.7**	**.0075**	**40**
Merced	**All mfg.**	**31**	**10**	**442.8**	**.0227**	**78**
8062	*General medical & surgical hospitals*	*6*	*4*	*71.9*	*.0498*	*94*
Modoc	**All mfg.**	**2**		**8.2**	**.0004**	**0**
Mono	**All mfg.**	**1**		**4.0**	**.0002**	**0**
Monterey	**All mfg.**	**59**	**19**	**712.1**	**.0366**	**72**
2037	Frozen fruits & vegetables	5	3	146.9	2.9966	96
8062	*General medical & surgical hospitals*	*7*	*5*	*120.2*	*.0832*	*94*
Napa	**All mfg.**	**37**	**7**	**398.7**	**.0205**	**60**
2084	Wines, brandy, & brandy spirits	15	3	221.2	8.5087	49
3317	Steel pipe & tubes	1	1	68.7	2.0943	100
8062	*General medical & surgical hospitals*	*3*	*3*	*142.7*	*.0987*	*100*
Nevada	**All mfg.**	**7**	**2**	**61.7**	**.0032**	**63**
Orange	**All mfg.**	**997**	**303**	**12,631.2**	**.6488**	**8[illegible]**
1629	*Heavy construction n.e.c.*	*5*	*3*	*1,027.3*	*4.3390*	*99*
2013	Sausages & other prepared meats	2	2	152.7	1.4362	100
2451	Mobile homes	3	3	156.1	3.0937	100
2711	Newspapers	8	3	91.3	.4280	88
2834	Pharmaceutical preparations	10	4	235.6	1.3124	91
2851	Paints & allied products	11	2	139.0	1.5570	54
3069	Fabricated rubber products n.e.c.	10	3	81.9	1.4361	86
3079	Miscellaneous plastics products	79	21	421.6	1.4103	58
3429	Hardware n.e.c.	14	4	140.1	2.5061	79
3452	Bolts, nuts, rivets, & washers	8	4	111.1	2.6818	92
3469	Metal stampings n.e.c.	14	3	73.4	1.1519	63
3494	Valves & pipe fittings	7	3	91.3	1.0512	87
3533	Oil field machinery	6	5	266.6	3.1840	99
3573	Electronic computing equipment	66	38	1,934.7	4.9170	93

1983 (S&MM Est)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt	% In Large Estab.
CALIFORNIA (Orange, cont.)						
3599	Machinery, except electrical, n.e.c.	31	2	65.6	.7379	17
3622	Industrial controls	7	1	58.5	1.4131	72
3662	Radio & TV communication equipment	30	11	2,158.3	6.6058	96
3678	Electronic connectors	4	2	326.3	12.1959	98
3679	Electronic components n.e.c.	39	21	289.7	2.3428	88
3728	Aircraft equipment n.e.c.	22	13	522.6	5.5247	95
3792	Travel trailers & campers	6	3	59.1	5.4285	89
3823	Industrial process-control instruments	11	5	91.6	2.6865	89
3841	Surgical & medical instruments	3	2	62.1	2.0466	98
3842	Surgical appliances & supplies	9	4	143.1	3.2118	90
3949	Sporting & athletic goods n.e.c.	8	3	92.5	3.1660	90
4912	*Nuclear power*	*1*	*1*	*353.3*	*2.5945*	*100*
4923	*Gas transmission & distribution*	*14*	*5*	*309.6*	*2.7669*	*58*
5063	*Electrical-power-equipment wholesalers*	*12*	*6*	*771.1*	*2.1523*	*92*
7011	*Hotels, motels, & tourist courts*	*38*	*4*	*100.4*	*.5759*	*41*
7372	*Computer programming & software*	*27*	*3*	*162.3*	*1.7218*	*61*
8062	*General medical & surgical hospitals*	*39*	*35*	*867.8*	*.6005*	*98*
8221	*Colleges & universities n.e.c.*	*6*	*3*	*69.5*	*.3379*	*96*
Placer	**All mfg.**	**18**	**4**	**130.2**	**.0067**	**58**
Plumas	**All mfg.**	**4**	**2**	**30.5**	**.0016**	**74**
Riverside	**All mfg.**	**157**	**57**	**1,426.6**	**.0733**	**78**
2451	Mobile homes	5	4	118.1	2.3406	94
3823	Industrial process-control instruments	2	1	59.5	1.7451	95
7011	*Hotels, motels, & tourist courts*	*25*	*4*	*54.6*	*.3132*	*46*
8062	*General medical & surgical hospitals*	*12*	*12*	*251.3*	*.1739*	*100*
Sacramento	**All mfg.**	**121**	**33**	**1,641.2**	**.0843**	**82**
2032	Canned food specialties	1	1	216.1	5.4771	100
2711	Newspapers	3	3	188.0	.8814	100
3764	Space-propulsion units & parts	1	1	256.6	12.5342	100
8062	*General medical & surgical hospitals*	*11*	*9*	*386.6*	*.2675*	*98*
San Benito	**All mfg.**	**11**	**2**	**116.1**	**.0060**	**53**
San Bernardino	**All mfg.**	**205**	**57**	**1,873.4**	**.0962**	**77**
2711	Newspapers	12	2	73.0	.3422	64
3241	Hydraulic cement	5	4	136.5	3.6600	96
3312	Blast furnaces & steel mills	3	3	361.8	.9612	100
3589	Service-industry machinery n.e.c.	1	1	68.7	3.1495	100
3721	Aircraft	1	1	122.6	.3828	100
8062	*General medical & surgical hospitals*	*19*	*14*	*465.5*	*.3221*	*96*
San Diego	**All mfg.**	**545**	**164**	**7,609.2**	**.3908**	**85**
2051	Bread, cake, & related products	10	6	74.2	.5936	86
2091	Canned & cured seafoods	2	2	286.1	11.1828	100
2711	Newspapers	15	6	247.9	1.1622	88
3511	Turbines & turbine-generator set units	1	1	150.9	5.0478	100
3534	Elevators & moving stairways	5	1	41.5	7.1184	85
3573	Electronic computing equipment	27	15	975.3	2.4787	94
3651	Radio & TV receiving sets	1	1	115.2	1.6932	100
3662	Radio & TV communication equipment	33	12	751.1	2.2989	87
3679	Electronic components n.e.c.	18	6	147.7	1.1944	82
3721	Aircraft	3	1	613.5	1.9154	97
3724	Aircraft engines & engine parts	3	2	207.3	1.3656	99
3728	Aircraft equipment n.e.c.	11	10	602.3	6.3673	100
3731	Ship building & repairing	10	8	205.0	2.3099	96
3732	Boat building & repairing	12	5	82.5	4.2310	82
3761	Guided missiles & space vehicles	1	1	749.6	8.0918	100
3825	Electricity-measuring instruments	12	3	81.5	1.4518	51
3851	Ophthalmic goods	2	2	50.7	4.7326	100
4931	*Electric & other services combined*	*2*	*1*	*847.7*	*2.5304*	*99*
5065	*Electronic-parts wholesalers*	*11*	*2*	*414.8*	*2.3156*	*77*
7011	*Hotels, motels, & tourist courts*	*50*	*11*	*329.0*	*1.8870*	*80*
8062	*General medical & surgical hospitals*	*31*	*26*	*845.1*	*.5848*	*97*
San Francisco	**All mfg.**	**563**	**77**	**3,622.5**	**.1861**	**56**
1629	*Heavy construction n.e.c.*	*12*	*8*	*692.6*	*2.9253*	*98*
2051	Bread, cake, & related products	15	3	119.1	.9528	78
2086	Bottled & canned soft drinks	4	3	145.7	.8501	98
2711	Newspapers	24	8	390.1	1.8288	88
2752	Lithographic commercial printing	35	5	243.7	1.6499	46
3429	Hardware n.e.c.	4	1	104.8	1.8746	94
3731	Ship building & repairing	9	4	120.9	1.3623	90
4923	*Gas transmission & distribution*	*1*	*1*	*369.2*	*3.2996*	*100*
4931	*Electric & other services combined*	*3*	*2*	*3,226.2*	*9.6309*	*100*
5081	*Commercial-equipment wholesalers*	*29*	*5*	*228.1*	*1.8276*	*44*
5084	*Industrial-machinery distributors*	*26*	*2*	*339.8*	*.8977*	*38*
5085	*Industrial-supply distributors*	*29*	*2*	*348.5*	*1.0401*	*43*
6025	*National banks, federal reserve system*	*9*	*7*	*13,332.9*	*12.9236*	*100*
7011	*Hotels, motels, & tourist courts*	*61*	*21*	*318.0*	*1.8239*	*79*
7374	*Data-processing services*	*21*	*4*	*77.1*	*1.1933*	*53*
8062	*General medical & surgical hospitals*	*25*	*21*	*917.8*	*.6351*	*99*
8221	*Colleges & universities n.e.c.*	*10*	*3*	*56.6*	*.2752*	*66*
San Joaquin	**All mfg.**	**142**	**55**	**2,133.8**	**.1096**	**80**
2033	Canned fruits & vegetables	14	12	565.5	6.1789	98
3231	Products of purchased glass	1	1	93.0	3.6171	100
8062	*General medical & surgical hospitals*	*9*	*7*	*184.4*	*.1276*	*96*
San Luis Obispo	**All mfg.**	**20**	**4**	**262.1**	**.0135**	**15**
8062	*General medical & surgical hospitals*	*7*	*5*	*94.6*	*.0655*	*92*
San Mateo	**All mfg.**	**288**	**67**	**2,311.2**	**.1187**	**67**
2711	Newspapers	12	3	98.7	.4627	68
2851	Paints & allied products	6	3	157.7	1.7664	91
3662	Radio & TV communication equipment	8	5	220.8	.6758	95
8062	*General medical & surgical hospitals*	*9*	*7*	*225.0*	*.1557*	*97*
Santa Barbara	**All mfg.**	**99**	**24**	**895.9**	**.0460**	**64**
3662	Radio & TV communication equipment	6	3	265.4	.8123	94
3679	Electronic components n.e.c.	7	5	53.1	.4294	93
8062	*General medical & surgical hospitals*	*10*	*9*	*150.2*	*.1039*	*98*
Santa Clara	**All mfg.**	**982**	**373**	**22,014.1**	**1.1307**	**88**
2033	Canned fruits & vegetables	17	14	489.5	5.3485	97
2034	Dehydrated fruits, vegetables, & soups	9	7	220.5	13.9047	98
2084	Wines, brandy, & brandy spirits	12	3	251.8	9.6857	73
2711	Newspapers	11	6	159.0	.7454	92
2752	Lithographic commercial printing	16	4	162.1	1.0975	56
2834	Pharmaceutical preparations	3	3	181.1	1.0088	100
3079	Miscellaneous plastics products	17	3	77.1	.2579	47
3489	Ordnance & accessories n.e.c.	1	1	229.5	15.4213	100
3559	Special-industry machinery n.e.c.	8	3	58.9	1.3616	73
3573	Electronic computing equipment	135	69	5,406.1	13.7395	93
3599	Machinery, except electrical, n.e.c.	26	1	66.5	.7481	11
3661	Telephone & telegraph apparatus	8	6	355.1	2.2200	97
3662	Radio & TV communication equipment	54	22	1,331.9	4.0765	85
3674	Semiconductors & related devices	64	38	4,001.6	29.7683	97
3679	Electronic components n.e.c.	117	53	1,298.5	10.5008	85
3693	X-ray apparatus & tubes	6	4	159.3	4.5850	89
3711	Motor vehicles & passenger-car bodies	1	1	376.7	.3710	100
3724	Aircraft engines & engine parts	1	1	156.6	1.0316	100
3728	Aircraft equipment n.e.c.	2	1	106.4	1.1248	96
3761	Guided missiles & space vehicles	1	1	2,521.4	27.2181	100
3811	Engineering & scientific instruments	24	10	175.5	6.5373	87
3823	Industrial process-control instruments	11	3	57.0	1.6718	65
3825	Electricity-measuring instruments	33	14	688.5	12.2649	88
3832	Optical instruments & lenses	14	6	120.2	4.0440	70
3861	Photographic equipment & supplies	12	5	273.0	1.5064	68
5065	*Electronic-parts wholesalers*	*36*	*5*	*868.6*	*4.8489*	*44*
7011	*Hotels, motels, & tourist courts*	*17*	*1*	*40.8*	*.2340*	*31*
7372	*Computer programming & software*	*52*	*23*	*485.3*	*5.1483*	*85*
7374	*Data-processing services*	*17*	*8*	*168.0*	*2.6002*	*87*
8062	*General medical & surgical hospitals*	*13*	*13*	*687.2*	*.4755*	*100*
8221	*Colleges & universities n.e.c.*	*5*	*3*	*96.7*	*.4701*	*97*
Santa Cruz	**All mfg.**	**56**	**20**	**909.5**	**.0467**	**84**
1611	*Highway & street construction*	*1*	*1*	*129.0*	*.8099*	*100*
2033	Canned fruits & vegetables	4	2	85.6	.9353	91
2037	Frozen fruits & vegetables	4	3	184.0	3.7533	98
3662	Radio & TV communication equipment	2	1	114.4	.3501	92
8062	*General medical & surgical hospitals*	*3*	*3*	*59.1*	*.0409*	*100*
Shasta	**All mfg.**	**21**	**5**	**251.1**	**.0129**	**76**
2492	Particleboard	1	1	33.0	5.3939	100
8062	*General medical & surgical hospitals*	*4*	*3*	*53.2*	*.0368*	*96*
Sierra	**All mfg.**	**3**	**1**	**52.1**	**.0027**	**72**
Siskiyou	**All mfg.**	**10**		**43.0**	**.0022**	**0**
Solano	**All mfg.**	**31**	**13**	**625.7**	**.0321**	**64**
2034	Dehydrated fruits, vegetables, & soups	1	1	83.6	5.2718	100
8062	*General medical & surgical hospitals*	*7*	*6*	*126.6*	*.0876*	*98*
Sonoma	**All mfg.**	**87**	**28**	**739.6**	**.0380**	**66**
2084	Wines, brandy, & brandy spirits	15	3	244.5	9.4049	53
8062	*General medical & surgical hospitals*	*10*	*7*	*183.4*	*.1269*	*94*
Stanislaus	**All mfg.**	**85**	**29**	**1,377.5**	**.0708**	**83**
2033	Canned fruits & vegetables	8	7	220.2	2.4060	98
2038	Frozen food specialties	2	2	167.0	3.5875	100
2084	Wines, brandy, & brandy spirits	2	1	277.1	10.6589	96
8062	*General medical & surgical hospitals*	*9*	*5*	*117.8*	*.0815*	*91*
Sutter	**All mfg.**	**9**	**2**	**57.5**	**.0030**	**71**
Tehama	**All mfg.**	**7**	**2**	**110.4**	**.0057**	**78**
2421	General sawmills & planing mills	3	2	88.9	.7226	96
Trinity	**All mfg.**	**5**		**18.3**	**.0009**	**0**
Tulare	**All mfg.**	**74**	**21**	**647.2**	**.0332**	**66**
8062	*General medical & surgical hospitals*	*7*	*7*	*62.5*	*.0432*	*100*
Tuolumne	**All mfg.**	**7**	**1**	**62.8**	**.0032**	**64**
Ventura	**All mfg.**	**124**	**34**	**1,633.4**	**.0839**	**77**
3079	Miscellaneous plastics products	6	3	74.6	.2495	88
3573	Electronic computing equipment	9	4	197.9	.5030	80
3679	Electronic components n.e.c.	10	3	78.8	.6372	76
3724	Aircraft engines & engine parts	1	1	250.6	1.6508	100
8062	*General medical & surgical hospitals*	*14*	*10*	*265.8*	*.1839*	*93*

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				1983 (S&MM Est.)		
County SIC	Industry	Establishments Total	Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
CALIFORNIA (cont.)						
Yolo	**All mfg.**	**34**	**10**	**605.6**	**.0311**	**84**
2033	Canned fruits & vegetables	2	2	127.2	1.3898	100
Yuba	**All mfg.**	**9**	**2**	**44.5**	**.0023**	**59**
STATE TOTAL	**All mfg.**	**11,776**	**3,276**	**154,726.4**	**7.9474**	**81**
COLORADO						
Adams	**All mfg.**	**95**	**21**	**1,528.6**	**.0785**	**79**
3613	Switchgear & switchboard apparatus	2	1	159.0	3.6021	99
8062	*General medical & surgical hospitals*	*3*	*3*	*135.2*	*.0936*	*100*
Alamosa	**All mfg.**	**2**		**5.0**	**.0003**	**0**
Arapahoe	**All mfg.**	**131**	**26**	**766.2**	**.0394**	**59**
2741	Miscellaneous publishing	3	2	62.0	2.4775	97
8062	*General medical & surgical hospitals*	*2*	*2*	*58.6*	*.0406*	*100*
Archuleta	**All mfg.**	**2**		**5.6**	**.0003**	**0**
Baca	**All mfg.**	**1**		**13.2**	**.0007**	**0**
Bent	**All mfg.**	**1**		**5.7**	**.0003**	**0**
Boulder	**All mfg.**	**175**	**40**	**2,420.2**	**.1243**	**83**
3573	Electronic computing equipment	8	4	347.1	.8821	93
3861	Photographic equipment & supplies	1	1	941.6	5.1958	100
8062	*General medical & surgical hospitals*	*4*	*3*	*53.1*	*.0367*	*93*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*103.7*	*.5041*	*100*
Chaffee	**All mfg.**	**3**		**9.6**	**.0005**	**0**
Conejos	**All mfg.**	**6**		**8.8**	**.0005**	**0**
Costilla	**All mfg.**	**1**		**1.1**	**.0001**	**0**
Crowley	**All mfg.**	**1**		**5.7**	**.0003**	**0**
Custer	**All mfg.**	**1**		**7.1**	**.0004**	**0**
Delta	**All mfg.**	**10**		**48.3**	**.0025**	**0**
Denver	**All mfg.**	**558**	**105**	**4,564.7**	**.2345**	**64**
1311	*Crude petroleum & natural gas*	*127*	*2*	*1,908.9*	*4.7514*	*11*
1381	*Oil- & gas-well drilling services*	*25*	*5*	*208.7*	*3.8377*	*57*
1382	*Oil- & gas-field exploration services*	*90*	*2*	*70.7*	*8.3284*	*11*
1629	*Heavy construction n.e.c.*	*3*	*1*	*362.6*	*1.5315*	*98*
2051	Bread, cake, & related products	13	6	100.9	.8072	78
2329	Men's & boys' clothing n.e.c.	10	4	25.6	1.7435	75
2711	Newspapers	8	2	180.3	.8453	90
2752	Lithographic commercial printing	24	3	169.6	1.1482	46
3041	Rubber & plastic hose & belting	1	1	69.2	3.4390	100
3079	Miscellaneous plastics products	24	2	98.0	.3278	31
3161	Luggage	1	1	146.8	19.7657	100
3532	Mining machinery	11	3	71.7	3.9980	75
3573	Electronic computing equipment	9	3	153.4	.3899	79
3661	Telephone & telegraph apparatus	2	1	282.4	1.7655	99
3728	Aircraft equipment n.e.c.	2	2	132.0	1.3955	100
3761	Guided missiles & space vehicles	1	1	204.5	2.2075	100
3825	Electricity-measuring instruments	3	3	110.7	1.9720	100
4011	*Line-haul-operating railroads*	*3*	*3*	*181.4*	*1.2735*	*100*
4931	*Electric & other services combined*	*1*	*1*	*805.4*	*2.4043*	*100*
5084	*Industrial-machinery distributors*	*38*		*303.4*	*.8015*	*0*
6025	*National banks, federal reserve system*	*18*	*5*	*682.1*	*.6373*	*92*
7011	*Hotels, motels, & tourist courts*	*28*	*11*	*143.5*	*.8231*	*79*
8062	*General medical & surgical hospitals*	*20*	*19*	*904.6*	*.6260*	*100*
8221	*Colleges & universities n.e.c.*	*5*	*3*	*72.2*	*.3510*	*92*
Douglas	**All mfg.**	**6**	**1**	**26.8**	**.0014**	**47**
Eagle	**All mfg.**	**4**	**1**	**22.2**	**.0011**	**57**
El Paso	**All mfg.**	**113**	**29**	**1,488.5**	**.0765**	**80**
3573	Electronic computing equipment	3	2	254.4	.6466	96
3662	Radio & TV communication equipment	5	4	262.1	.8022	97
3674	Semiconductors & related devices	5	4	138.7	1.0318	94
3825	Electricity-measuring instruments	1	1	184.8	3.2920	100
8062	*General medical & surgical hospitals*	*6*	*6*	*140.2*	*.0970*	*100*
8221	*Colleges & universities n.e.c.*	*3*	*2*	*60.5*	*.2941*	*93*
Fremont	**All mfg.**	**15**	**3**	**111.6**	**.0057**	**44**

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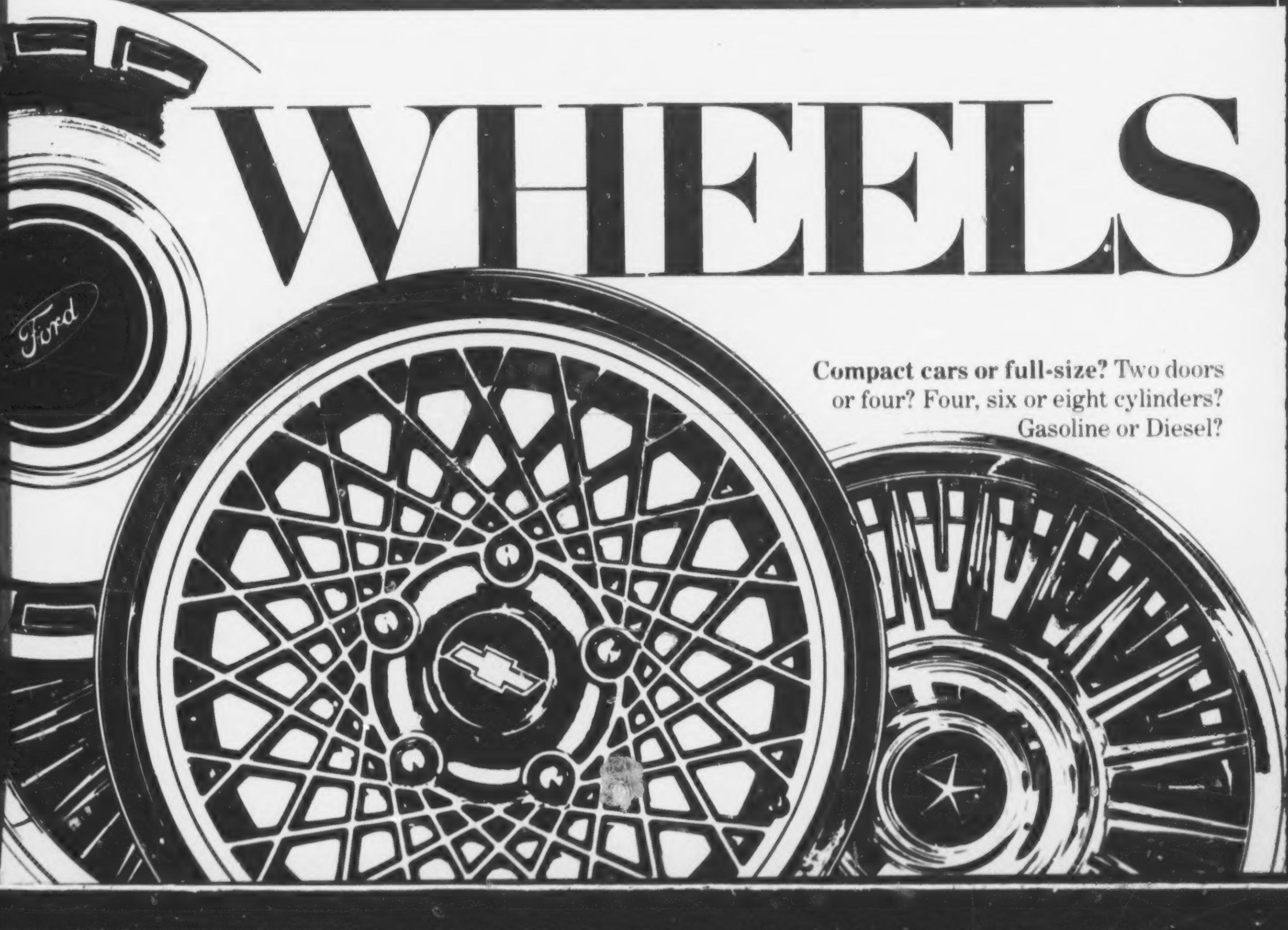

Compact cars or full-size? Two doors or four? Four, six or eight cylinders? Gasoline or Diesel?

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	 Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt	% In Large Estab
Garfield	**All mfg.**	**6**		**24.1**	**.0012**	**0**
Gilpin	**All mfg.**	**1**		**4.8**	**.0002**	**0**
Grand	**All mfg.**	**3**		**15.7**	**.0008**	**0**
Gunnison	**All mfg.**	**3**		**8.0**	**.0004**	**0**
Jackson	**All mfg.**	**1**	**1**	**20.2**	**.0010**	**100**
Jefferson	**All mfg.**	**96**	**17**	**2,063.8**	**.1060**	**89**
2082	Malt beverages	1	1	1,029.2	8.6233	100
3264	Porcelain electrical supplies	1	1	45.4	8.2606	100
3411	Metal cans	1	1	161.4	1.6494	100
3483	Ammunition, except small-arms, n.e.c.	2	1	127.0	10.0690	99
3842	Surgical appliances & supplies	3	2	73.4	1.6474	93
8062	*General medical & surgical hospitals*	*2*	*2*	*51.3*	*.0355*	*100*
Kiowa	**All mfg.**	**1**		**1.2**	**.0001**	**0**
Lake	**All mfg.**	**1**		**12.0**	**.0006**	**0**
La Plata	**All mfg.**	**13**	**3**	**68.4**	**.0035**	**59**
Larimer	**All mfg.**	**78**	**15**	**735.1**	**.0378**	**70**
3574	Calculating & accounting machines	1	1	114.8	6.6943	100
3811	Engineering & scientific instruments	1	1	61.0	2.2722	100
Las Animas	**All mfg.**	**5**		**28.9**	**.0015**	**0**
Lincoln	**All mfg.**	**2**		**8.9**	**.0005**	**0**
Logan	**All mfg.**	**16**	**2**	**179.7**	**.0092**	**71**
Mesa	**All mfg.**	**41**	**12**	**599.2**	**.0308**	**82**
8062	*General medical & surgical hospitals*	*6*	*4*	*58.4*	*.0404*	*93*
Mineral	**All mfg.**	**1**		**5.6**	**.0003**	**0**
Moffat	**All mfg.**	**2**		**6.3**	**.0003**	**0**
Montezuma	**All mfg.**	**9**	**1**	**37.3**	**.0019**	**38**
Montrose	**All mfg.**	**7**	**2**	**103.4**	**.0053**	**88**
Morgan	**All mfg.**	**8**	**3**	**225.1**	**.0116**	**88**
Otero	**All mfg.**	**10**	**1**	**59.6**	**.0031**	**47**
Phillips	**All mfg.**	**2**		**9.3**	**.0005**	**0**
Pitkin	**All mfg.**	**2**		**3.6**	**.0002**	**0**
Prowers	**All mfg.**	**8**	**2**	**43.0**	**.0022**	**33**
Pueblo	**All mfg.**	**42**	**8**	**753.5**	**.0387**	**83**
3312	Blast furnaces & steel mills	1	1	292.5	.7771	100
8062	*General medical & surgical hospitals*	*3*	*3*	*160.6*	*.1111*	*100*
Rio Grande	**All mfg.**	**8**		**38.7**	**.0020**	**0**
Routt	**All mfg.**	**3**		**8.6**	**.0004**	**0**

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	 Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
San Miguel	**All mfg.**	**1**		**1.4**	**.0001**	**0**
Sedgwick	**All mfg.**	**1**	**1**	**27.4**	**.0014**	**100**
Summit	**All mfg.**	**1**		**2.8**	**.0001**	**0**
Teller	**All mfg.**	**1**		**1.4**	**.0001**	**0**
Washington	**All mfg.**	**2**		**16.0**	**.0008**	**0**
Weld	**All mfg.**	**51**	**16**	**866.2**	**.0445**	**75**
3861	Photographic equipment & supplies	1	1	209.2	1.1544	100
4912	*Nuclear power*	*2*	*2*	*294.4*	*2.1620*	*100*
STATE TOTAL	**All mfg.**	**1,551**	**310**	**17,018.1**	**.8741**	**74**

CONNECTICUT

County SIC	Industry	Establishments Total	 Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Fairfield	**All mfg.**	**1,017**	**277**	**11,318.1**	**.5813**	**80**
1629	*Heavy construction n.e.c.*	*8*	*2*	*278.9*	*1.1780*	*93*
2051	Bread, cake, & related products	12	4	357.4	2.8591	94
2342	Brassieres, girdles, & allied garments	4	1	60.3	9.1502	96
2711	Newspapers	19	4	132.3	.6202	61
2721	Periodicals	26	5	225.1	2.0952	59
2731	Book publishing	8	2	144.5	1.9030	88
2751	Letterpress commercial printing	27	2	31.5	.6604	78
2844	Toilet preparations	5	1	245.4	2.8000	93
3069	Fabricated rubber products n.e.c.	12	6	56.3	.9872	85
3079	Miscellaneous plastics products	41	8	146.0	.4884	49
3292	Asbestos products	2	1	78.7	8.8917	98
3357	Nonferrous-wire drawing & insulating	8	2	233.8	2.7230	86
3429	Hardware n.e.c.	9	3	100.2	1.7924	80
3469	Metal stampings n.e.c.	11	4	66.8	1.0483	81
3471	Plating & polishing	18	3	34.3	1.7686	36
3482	Small-arms ammunition	1	1	66.2	8.0959	100
3541	Metal-cutting machine tools	11	5	148.6	4.0108	92
3562	Ball & roller bearings	5	3	117.4	3.6012	96
3573	Electronic computing equipment	27	8	435.4	1.1066	75
3579	Office machines n.e.c.	3	2	416.4	8.5558	99
3634	Electric housewares & fans	5	3	109.9	3.1568	96
3643	Current-carrying wiring devices	10	8	223.0	7.6688	99
3662	Radio & TV communication equipment	24	5	371.5	1.1370	82
3679	Electronic components n.e.c.	26	11	133.4	1.0788	80

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1983 (S&MM Est.)

CONNECTICUT (Fairfield, cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
3721	Aircraft	2	2	1,741.0	5.4356	100
3724	Aircraft engines & engine parts	3	2	634.7	4.1811	99
3811	Engineering & scientific instruments	12	4	49.2	1.8327	73
3825	Electricity-measuring instruments	7	4	79.4	1.4144	88
3829	Measuring & controlling devices n.e.c.	9	6	66.8	4.0801	90
3832	Optical instruments & lenses	8	4	348.7	11.7317	96
3841	Surgical & medical instruments	11	5	149.8	4.9369	91
3861	Photographic equipment & supplies	8	3	253.5	1.3988	88
6025	*National banks, federal reserve system*	*6*	*4*	*402.9*	*.3764*	*98*
7372	*Computer programming & software*	*13*	*4*	*205.1*	*2.1758*	*90*
8062	*General medical & surgical hospitals*	*14*	*12*	*484.6*	*.3353*	*99*
Hartford	**All mfg.**	**932**	**216**	**10,242.3**	**.5261**	**82**
1629	*Heavy construction n.e.c.*	*3*	*1*	*569.5*	*2.4054*	*99*
2621	Paper mills, except building paper	4	2	163.5	.7838	89
2711	Newspapers	14	4	117.1	.5490	75
2751	Letterpress commercial printing	27	5	40.6	.8512	59
2752	Lithographic commercial printing	14	5	173.1	1.1719	73
3079	Miscellaneous plastics products	32	5	121.7	.4071	43
3316	Cold-rolled steel sheet, strip, & bars	3	3	70.0	3.1907	100
3423	Hand & edge tools n.e.c.	8	3	99.4	3.4364	87
3429	Hardware n.e.c.	10	3	266.5	4.7671	92
3451	Screw-machine products	35	4	100.7	4.9562	52
3452	Bolts, nuts, rivets, & washers	11	4	73.2	1.7670	76
3484	Small arms	2	2	156.5	13.2773	100
3494	Valves & pipe fittings	7	3	83.5	.9614	80
3495	Wire springs	28	7	160.0	16.7487	72
3541	Metal-cutting machine tools	20	2	65.0	1.7544	46
3544	Special dies, tools, jigs, & fixtures	40		34.6	1.1624	0
3545	Machine-tool accessories	27	8	106.5	4.3628	72
3559	Special-industry machinery n.e.c.	12	2	58.6	1.3547	73
3562	Ball & roller bearings	9	7	454.3	13.9356	99
3599	Machinery, except electrical, n.e.c.	48	6	147.3	1.6570	46
3613	Switchgear & switchboard apparatus	8	4	170.5	3.8626	96
3622	Industrial controls	7	3	114.0	2.7538	90
3662	Radio & TV communication equipment	6	2	146.3	.4478	88
3714	Motor-vehicle parts & accessories	1	1	114.0	.2682	100
3724	Aircraft engines & engine parts	18	9	3,406.3	22.4391	98
3728	Aircraft equipment n.e.c.	13	7	645.4	6.8229	96
3824	Fluid meters & counting devices	3	1	60.8	6.8261	87
4931	*Electric & other services combined*	*3*	*2*	*601.3*	*1.7950*	*99*
6025	*National banks, federal reserve system*	*7*	*3*	*833.7*	*.7789*	*97*
8062	*General medical & surgical hospitals*	*14*	*14*	*727.4*	*.5034*	*100*
8221	*Colleges & universities n.e.c.*	*7*	*4*	*83.4*	*.4055*	*95*
Litchfield	**All mfg.**	**191**	**53**	**1,461.7**	**.0751**	**77**
3562	Ball & roller bearings	3	3	141.3	4.3344	100
3964	Needles, pins, & fasteners	4	2	47.0	6.5937	96
8062	*General medical & surgical hospitals*	*5*	*4*	*56.1*	*.0388*	*97*
Middlesex	**All mfg.**	**176**	**44**	**1,122.0**	**.0576**	**73**
3079	Miscellaneous plastics products	9	4	87.4	.2924	88
3728	Aircraft equipment n.e.c.	3	2	77.3	.8172	92
4912	*Nuclear power*	*1*	*1*	*212.3*	*1.5591*	*100*
8062	*General medical & surgical hospitals*	*2*	*2*	*107.5*	*.0744*	*100*
New Haven	**All mfg.**	**981**	**240**	**7,770.0**	**.3991**	**74**
1611	*Highway & street construction*	*10*	*2*	*146.3*	*.9185*	*88*
2335	Women's & misses' dresses	17	7	49.9	1.1971	66
2711	Newspapers	13	6	157.2	.7370	88
2751	Letterpress commercial printing	26	2	30.8	.6457	23
2821	Plastics materials & synthetic resins	5	3	327.6	1.8726	96
2899	Chemical preparations n.e.c.	8	4	106.8	1.8948	87
3079	Miscellaneous plastics products	35	4	152.4	.5098	44
3316	Cold-rolled steel sheet, strip, & bars	5	4	55.1	2.5115	96
3351	Copper rolling & drawing	7	6	314.6	6.7988	99
3357	Nonferrous-wire drawing & insulating	9	6	300.0	3.4940	95
3421	Cutlery	4	2	69.9	9.0043	88
3429	Hardware n.e.c.	12	7	136.8	2.4471	91
3451	Screw-machine products	43	7	99.1	4.8774	48
3452	Bolts, nuts, rivets, & washers	10	4	85.1	2.0542	83
3469	Metal stampings n.e.c.	30	7	145.7	2.2866	64
3484	Small arms	3	3	91.6	7.7713	100
3559	Special-industry machinery n.e.c.	5	4	93.0	2.1499	91
3599	Machinery, except electrical, n.e.c.	35		60.2	.6772	0
3621	Motors & generators	3	3	217.3	3.5478	100
3634	Electric housewares & fans	1	1	79.1	2.2721	100
3643	Current-carrying wiring devices	11	6	53.7	1.8467	84
3661	Telephone & telegraph apparatus	4	3	116.1	.7258	98

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
3662	Radio & TV communication equipment	13	4	153.9	.4710	69
3679	Electronic components n.e.c.	20	7	114.4	.9251	79
3714	Motor-vehicle parts & accessories	5	2	152.2	.3581	90
3811	Engineering & scientific instruments	5	1	47.8	1.7805	85
3829	Measuring & controlling devices n.e.c.	9	3	47.4	2.8952	77
3841	Surgical & medical instruments	9	4	87.5	2.8837	88
3873	Watches, clocks, & watchcases	1	1	176.7	13.9927	100
3914	Silverware & plated & stainless ware	6	3	84.6	14.7644	94
3951	Pens & mechanical pencils	1	1	105.8	9.8925	100
4911	*Electric services*	*8*	*1*	*214.6*	*.3540*	*70*
8062	*General medical & surgical hospitals*	*13*	*13*	*678.6*	*.4696*	*100*
8221	*Colleges & universities n.e.c.*	*7*	*4*	*127.3*	*.6189*	*97*
New London	**All mfg.**	**130**	**41**	**2,597.3**	**.1334**	**92**
2819	Industrial inorganic chemicals n.e.c.	1	1	123.2	1.0522	100
2834	Pharmaceutical preparations	2	2	263.7	1.4689	100
3429	Hardware n.e.c.	1	1	65.7	1.1752	100
3731	Ship building & repairing	4	3	1,114.1	12.5535	100
4912	*Nuclear power*	*2*	*2*	*430.4*	*3.1607*	*100*
8062	*General medical & surgical hospitals*	*6*	*5*	*175.5*	*.1214*	*98*
Tolland	**All mfg.**	**50**	**9**	**252.4**	**.0130**	**63**
8221	*Colleges & universities n.e.c.*	*1*	*1*	*69.1*	*.3359*	*100*
Windham	**All mfg.**	**100**	**40**	**1,067.1**	**.0548**	**84**
2284	Thread mills	2	2	106.0	14.1579	100
3069	Fabricated rubber products n.e.c.	6	5	68.5	1.2012	97
3079	Miscellaneous plastics products	8	6	73.7	.2465	91
STATE TOTAL	**All mfg.**	**3,577**	**920**	**35,830.9**	**1.8404**	**80**

DELAWARE

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Kent	**All mfg.**	**35**	**15**	**499.9**	**.0257**	**82**
2099	Food preparations n.e.c.	1	1	152.8	1.6710	100
8062	*General medical & surgical hospitals*	*3*	*3*	*63.6*	*.0440*	*100*
New Castle	**All mfg.**	**179**	**54**	**4,916.6**	**.2525**	**90**
1611	*Highway & street construction*	*16*	*4*	*130.4*	*.8187*	*64*
2819	Industrial inorganic chemicals n.e.c.	3	2	124.8	1.0659	97
2821	Plastics materials & synthetic resins	9	4	304.7	1.7417	83
3079	Miscellaneous plastics products	14	6	135.5	.4533	81
3711	Motor vehicles & passenger-car bodies	2	2	2,090.9	2.0594	100
4923	*Gas transmission & distribution*	*1*	*1*	*1,196.7*	*10.6950*	*100*
4931	*Electric & other services combined*	*2*	*1*	*435.3*	*1.2995*	*98*
6025	*National banks, federal reserve system*	*4*	*2*	*347.3*	*.3245*	*98*
8062	*General medical & surgical hospitals*	*9*	*8*	*327.1*	*.2263*	*99*
Sussex	**All mfg.**	**53**	**15**	**1,207.6**	**.0620**	**87**
2016	Poultry-dressing plants	4	3	210.5	2.2870	98
2824	Noncellulosic synthetic organic fibers	1	1	572.2	5.6020	100
8062	*General medical & surgical hospitals*	*4*	*4*	*80.0*	*.0554*	*100*
STATE TOTAL	**All mfg.**	**267**	**84**	**6,624.1**	**.3402**	**89**

DISTRICT OF COLUMBIA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
District of Columbia	**All mfg.**	**143**	**30**	**1,945.6**	**.0999**	**82**
2711	Newspapers	6	2	305.3	1.4313	96
2721	Periodicals	32	7	577.0	5.3707	81
2741	Miscellaneous publishing	5	1	99.7	3.9840	90
2751	Letterpress commercial printing	8	1	156.3	3.2769	95
2752	Lithographic commercial printing	22	6	393.3	2.6627	84
4011	*Line-haul-operating railroads*	*3*	*3*	*171.4*	*1.2033*	*100*
4911	*Electric services*	*2*	*1*	*905.8*	*1.4940*	*98*
4924	*Natural-gas distribution*	*2*	*1*	*358.6*	*2.8610*	*96*
6025	*National banks, federal reserve system*	*14*	*7*	*800.8*	*.7482*	*94*
7011	*Hotels, motels, & tourist courts*	*32*	*9*	*286.5*	*1.6433*	*86*
7374	*Data-processing services*	*15*	*5*	*92.3*	*1.4286*	*75*
8062	*General medical & surgical hospitals*	*18*	*17*	*1,311.9*	*.9078*	*100*
8221	*Colleges & universities n.e.c.*	*10*	*6*	*151.1*	*.7346*	*94*
STATE TOTAL	**All mfg.**	**143**	**30**	**1,945.6**	**.0999**	**82**

FLORIDA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Alachua	**All mfg.**	**39**	**8**	**342.8**	**.0176**	**66**
3691	Storage batteries	1	1	140.8	4.9691	100
8062	*General medical & surgical hospitals*	*5*	*5*	*175.9*	*.1217*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*160.4*	*.7798*	*100*
Baker	**All mfg.**	**4**		**13.3**	**.0007**	**0**
8062	*General medical & surgical hospitals*	*2*	*1*	*51.0*	*.0353*	*95*
Bay	**All mfg.**	**41**	**14**	**448.7**	**.0230**	**79**
Bradford	**All mfg.**	**9**	**1**	**35.3**	**.0018**	**43**
Brevard	**All mfg.**	**134**	**38**	**1,883.5**	**.0967**	**83**
3573	Electronic computing equipment	8	1	175.1	.4450	69
3661	Telephone & telegraph apparatus	5	5	136.5	.8534	100
3662	Radio & TV communication equipment	11	10	547.9	1.6769	100
3674	Semiconductors & related devices	1	1	130.3	.9693	100
3761	Guided missiles & space vehicles	11	8	453.6	4.8965	96
7011	*Hotels, motels, & tourist courts*	*14*	*2*	*240.3*	*1.3783*	*96*
7372	*Computer programming & software*	*8*	*5*	*98.9*	*1.0492*	*89*
8062	*General medical & surgical hospitals*	*6*	*6*	*132.9*	*.0920*	*100*

County SIC	Industry	Establishments		1983 (S&MM Est.)		
		Total	Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Broward	**All mfg.**	**397**	**71**	**2,697.3**	**.1385**	**61**
1422	*Crushed- & broken-limestone quarrying*	*11*	*5*	*119.8*	*3.2389*	*86*
1611	*Highway & street construction*	*4*	*2*	*102.3*	*.6423*	*95*
2711	Newspapers	9	3	148.2	.6948	89
3079	Miscellaneous plastics products	18	3	99.7	.3335	56
3573	Electronic computing equipment	11	4	373.5	.9492	91
3662	Radio & TV communication equipment	8	7	444.2	1.3595	99
3679	Electronic components n.e.c.	13	6	64.9	.5248	83
7011	*Hotels, motels, & tourist courts*	*35*	*3*	*92.6*	*.5311*	*42*
8062	*General medical & surgical hospitals*	*21*	*19*	*592.4*	*.4099*	*99*
Calhoun	**All mfg.**	**6**	**2**	**38.2**	**.0020**	**64**
Charlotte	**All mfg.**	**6**		**12.5**	**.0006**	**0**
Citrus	**All mfg.**	**7**	**1**	**21.8**	**.0011**	**14**
4912	*Nuclear power*	*1*	*1*	*196.4*	*1.4423*	*100*
Clay	**All mfg.**	**18**	**2**	**86.9**	**.0045**	**38**
Collier	**All mfg.**	**13**	**1**	**34.3**	**.0018**	**21**
Columbia	**All mfg.**	**18**	**5**	**156.4**	**.0080**	**78**
Dade	**All mfg.**	**912**	**180**	**5,325.7**	**.2736**	**62**
1623	*Pipe- & utility-line construction*	*8*	*2*	*65.9*	*1.1464*	*75*
2051	Bread, cake, & related products	14	5	111.3	.8904	70
2321	Men's & boys' shirts & nightwear	16	2	35.5	.9172	32
2335	Women's & misses' dresses	42	4	90.7	2.1759	32
2339	Women's & misses' outerwear n.e.c.	33	2	73.4	1.5693	25
2369	Girls' & children's outerwear n.e.c.	18	4	32.0	3.6790	46
2711	Newspapers	11	2	148.0	.6938	81
2834	Pharmaceutical preparations	3	1	127.8	.7119	88
3021	Rubber & plastic footwear	4	4	91.0	13.7048	100
3079	Miscellaneous plastics products	29	2	97.2	.3251	28
3171	Women's handbags & purses	8	5	43.1	8.9586	87
3272	Concrete products n.e.c.	17	2	46.4	1.5748	39
3442	Metal doors, sash, & trim	29	12	168.7	3.9122	75
3661	Telephone & telegraph apparatus	2	1	208.9	1.3060	96
3693	X-ray apparatus & tubes	1	1	174.0	5.0081	100
3732	Boat building & repairing	20	5	100.8	5.1695	69
3841	Surgical & medical instruments	7	3	105.3	3.4703	95
4911	*Electric services*	*3*	*3*	*976.4*	*1.6105*	*100*
4912	*Nuclear power*	*2*	*2*	*291.0*	*2.1370*	*100*
6025	*National banks, federal reserve system*	*42*	*8*	*512.5*	*.4788*	*61*
7011	*Hotels, motels, & tourist courts*	*67*	*16*	*264.9*	*1.5194*	*68*
8062	*General medical & surgical hospitals*	*34*	*31*	*1,162.1*	*.8042*	*99*
8221	*Colleges & universities n.e.c.*	*4*	*2*	*69.6*	*.3384*	*92*
De Soto	**All mfg.**	**2**	**1**	**14.9**	**.0008**	**80**
8062	*General medical & surgical hospitals*	*2*	*2*	*52.1*	*.0361*	*100*
Dixie	**All mfg.**	**4**	**2**	**26.4**	**.0014**	**57**
Duval	**All mfg.**	**270**	**60**	**2,659.0**	**.1366**	**73**
2121	Cigars	1	1	58.7	16.0646	100
2631	Paperboard mills	2	2	193.1	1.7466	100
3731	Ship building & repairing	5	3	228.3	2.5725	98
4011	*Line-haul-operating railroads*	*2*	*1*	*703.0*	*4.9353*	*100*
6025	*National banks, federal reserve system*	*11*	*4*	*546.5*	*.5106*	*93*
8062	*General medical & surgical hospitals*	*13*	*12*	*667.1*	*.4616*	*100*
Escambia	**All mfg.**	**51**	**12**	**1,470.5**	**.0755**	**90**
2621	Paper mills, except building paper	1	1	166.9	.8001	100
2824	Noncellulosic synthetic organic fibers	1	1	899.1	8.8025	100
8062	*General medical & surgical hospitals*	*4*	*4*	*123.0*	*.0851*	*100*
Flagler	**All mfg.**	**2**	**1**	**16.0**	**.0008**	**55**
Franklin	**All mfg.**	**7**		**29.6**	**.0015**	**0**
Gadsden	**All mfg.**	**23**	**6**	**107.5**	**.0055**	**61**
8062	*General medical & surgical hospitals*	*2*	*2*	*132.8*	*.0919*	*100*
Gilchrist	**All mfg.**	**1**		**.6**	**.0000**	**0**
Gulf	**All mfg.**	**6**	**3**	**201.5**	**.0103**	**93**
Hamilton	**All mfg.**	**5**	**1**	**39.3**	**.0020**	**16**
Hardee	**All mfg.**	**8**	**2**	**43.2**	**.0022**	**41**
Hendry	**All mfg.**	**6**	**1**	**59.6**	**.0031**	**52**
Hernando	**All mfg.**	**16**	**3**	**103.6**	**.0053**	**76**
8062	*General medical & surgical hospitals*	*2*	*2*	*65.2*	*.0451*	*100*
Highlands	**All mfg.**	**18**	**3**	**71.2**	**.0037**	**32**
Hillsborough	**All mfg.**	**345**	**85**	**3,746.4**	**.1924**	**74**
2092	Fresh or frozen packaged seafoods	9	6	271.1	8.6329	95
2121	Cigars	8	3	41.9	11.4669	80
2874	Phosphatic fertilizers	4	3	659.3	12.8231	99
3411	Metal cans	4	3	167.3	1.7097	93
3443	Fabricated plate work (boiler shops)	4	2	91.4	.9576	96
3662	Radio & TV communication equipment	5	3	220.0	.6733	98
3691	Storage batteries	2	2	144.0	5.0821	100
3731	Ship building & repairing	6	3	68.9	.7764	86
4911	*Electric services*	*3*	*2*	*474.1*	*.7820*	*98*
7011	*Hotels, motels, & tourist courts*	*23*		*43.6*	*.2501*	*0*
8062	*General medical & surgical hospitals*	*14*	*12*	*387.1*	*.2679*	*98*
8221	*Colleges & universities n.e.c.*	*4*	*2*	*100.5*	*.4886*	*97*
Holmes	**All mfg.**	**5**	**3**	**25.0**	**.0013**	**86**
Indian River	**All mfg.**	**17**	**2**	**389.0**	**.0200**	**90**
3721	Aircraft	1	1	345.3	1.0781	100
Jackson	**All mfg.**	**20**	**6**	**119.5**	**.0061**	**50**
Jefferson	**All mfg.**	**4**		**32.9**	**.0017**	**0**
Lafayette	**All mfg.**	**1**		**5.7**	**.0003**	**0**
Lake	**All mfg.**	**44**	**9**	**309.5**	**.0159**	**65**
2037	Frozen fruits & vegetables	3	3	88.0	1.7951	100
Lee	**All mfg.**	**77**	**7**	**277.7**	**.0143**	**34**
8062	*General medical & surgical hospitals*	*2*	*2*	*60.3*	*.0417*	*100*
Leon	**All mfg.**	**44**	**5**	**166.9**	**.0086**	**33**
8062	*General medical & surgical hospitals*	*2*	*2*	*108.6*	*.0751*	*100*
8221	*Colleges & universities n.e.c.*	*2*	*2*	*111.2*	*.5406*	*100*
Levy	**All mfg.**	**5**	**2**	**38.5**	**.0020**	**70**
Liberty	**All mfg.**	**2**	**1**	**10.0**	**.0005**	**78**
Madison	**All mfg.**	**8**	**4**	**133.0**	**.0068**	**91**
Manatee	**All mfg.**	**46**	**13**	**486.5**	**.0250**	**79**
2033	Canned fruits & vegetables	1	1	232.0	2.5349	100
8062	*General medical & surgical hospitals*	*2*	*2*	*79.8*	*.0552*	*100*
Marion	**All mfg.**	**71**	**15**	**552.3**	**.0284**	**58**
2451	Mobile homes	6	3	106.9	2.1186	76
Martin	**All mfg.**	**20**	**5**	**192.9**	**.0099**	**79**
8062	*General medical & surgical hospitals*	*1*	*1*	*53.1*	*.0367*	*100*
Monroe	**All mfg.**	**6**		**21.8**	**.0011**	**0**
Nassau	**All mfg.**	**11**	**5**	**346.5**	**.0178**	**95**
Okaloosa	**All mfg.**	**29**	**8**	**276.5**	**.0142**	**79**
3662	Radio & TV communication equipment	3	3	154.8	.4738	100
8062	*General medical & surgical hospitals*	*5*	*5*	*70.9*	*.0491*	*100*
Okeechobee	**All mfg.**	**10**		**44.3**	**.0023**	**0**
Orange	**All mfg.**	**224**	**48**	**1,732.8**	**.0890**	**69**
2033	Canned fruits & vegetables	6	6	94.9	1.0369	100
2711	Newspapers	4	1	98.1	.4599	94
3679	Electronic components n.e.c.	5	3	54.0	.4367	95
3769	Space-vehicle equipment n.e.c.	1	1	245.0	15.6091	100
5081	*Commercial-equipment wholesalers*	*11*	*3*	*178.1*	*1.4270*	*70*
7011	*Hotels, motels, & tourist courts*	*34*	*9*	*178.2*	*1.0221*	*72*
8062	*General medical & surgical hospitals*	*9*	*9*	*335.1*	*.2319*	*100*
Osceola	**All mfg.**	**14**	**3**	**129.6**	**.0067**	**80**
7011	*Hotels, motels, & tourist courts*	*10*	*2*	*43.9*	*.2518*	*66*
Palm Beach	**All mfg.**	**173**	**27**	**2,141.9**	**.1100**	**80**
1623	*Pipe- & utility-line construction*	*7*	*3*	*124.6*	*2.1675*	*94*
2061	Raw cane sugar	6	6	346.0	25.0288	100
3573	Electronic computing equipment	2	1	286.4	.7279	97
3679	Electronic components n.e.c.	6	4	78.1	.6316	93
3724	Aircraft engines & engine parts	2	1	715.6	4.7140	99
7011	*Hotels, motels, & tourist courts*	*14*	*2*	*47.9*	*.2747*	*67*
8062	*General medical & surgical hospitals*	*13*	*12*	*280.1*	*.1938*	*99*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*49.4*	*.2402*	*100*
Pasco	**All mfg.**	**24**	**3**	**223.1**	**.0115**	**76**
2037	Frozen fruits & vegetables	3	2	161.3	3.2903	99
Pinellas	**All mfg.**	**344**	**68**	**2,288.1**	**.1175**	**68**
3079	Miscellaneous plastics products	19	4	76.5	.2559	49
3662	Radio & TV communication equipment	11	3	590.1	1.8061	95
3699	Electrical equipment & supplies n.e.c.	1	1	84.3	7.3753	100
3732	Boat building & repairing	9	4	58.3	2.9899	84
3825	Electricity-measuring instruments	6	4	219.3	3.9066	98
4911	*Electric services*	*1*	*1*	*383.5*	*.6325*	*100*
7011	*Hotels, motels, & tourist courts*	*37*	*2*	*77.2*	*.4428*	*39*
8062	*General medical & surgical hospitals*	*19*	*19*	*570.2*	*.3946*	*100*
Polk	**All mfg.**	**196**	**58**	**3,547.6**	**.1822**	**85**
2033	Canned fruits & vegetables	11	9	263.1	2.8748	97
2037	Frozen fruits & vegetables	12	9	493.4	10.0647	98
2819	Industrial inorganic chemicals n.e.c.	5	4	106.9	.9130	96
2874	Phosphatic fertilizers	9	9	1,640.7	31.9109	100
3721	Aircraft	1	1	149.6	.4671	100
7011	*Hotels, motels, & tourist courts*	*11*	*1*	*39.0*	*.2237*	*62*
8062	*General medical & surgical hospitals*	*7*	*5*	*251.9*	*.1743*	*97*
Putnam	**All mfg.**	**19**	**7**	**449.5**	**.0231**	**90**
2621	Paper mills, except building paper	1	1	153.1	.7339	100
St. Johns	**All mfg.**	**16**	**6**	**117.6**	**.0060**	**72**
4011	*Line-haul-operating railroads*	*1*	*1*	*49.0*	*.3440*	*100*
St. Lucie	**All mfg.**	**25**	**4**	**135.0**	**.0069**	**57**
Santa Rosa	**All mfg.**	**7**	**4**	**247.7**	**.0127**	**92**
Sarasota	**All mfg.**	**92**	**20**	**441.9**	**.0227**	**66**
3662	Radio & TV communication equipment	5	3	115.9	.3547	94
8062	*General medical & surgical hospitals*	*3*	*3*	*109.4*	*.0757*	*100*
Seminole	**All mfg.**	**76**	**13**	**480.0**	**.0247**	**53**
3661	Telephone & telegraph apparatus	2	1	113.2	.7077	91
3679	Electronic components n.e.c.	8	4	76.7	.6203	90
Sumter	**All mfg.**	**7**	**2**	**76.5**	**.0039**	**69**
Suwannee	**All mfg.**	**9**	**2**	**125.3**	**.0064**	**75**
Taylor	**All mfg.**	**14**	**3**	**211.5**	**.0109**	**80**
2611	Pulp mills	1	1	146.4	4.5955	100
Union	**All mfg.**	**3**	**1**	**12.6**	**.0006**	**29**
Volusia	**All mfg.**	**60**	**18**	**374.8**	**.0193**	**72**
7011	*Hotels, motels, & tourist courts*	*54*	*5*	*127.1*	*.7290*	*54*
8062	*General medical & surgical hospitals*	*8*	*8*	*119.5*	*.0827*	*100*
Wakulla	**All mfg.**	**5**	**1**	**37.1**	**.0019**	**60**
Walton	**All mfg.**	**9**	**2**	**106.5**	**.0055**	**63**
Washington	**All mfg.**	**3**		**10.1**	**.0005**	**0**
STATE TOTAL	**All mfg.**	**4,108**	**878**	**36,003.7**	**1.8493**	**72**

1983 (S&MM Est.)

GEORGIA

County SIC	Industry	Establishments		Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
		Total	Large			
Appling	**All mfg.**	**12**	**4**	**49.0**	**.0025**	**47**
4912	*Nuclear power*	*2*	*2*	*508.9*	*3.7372*	*100*
Atkinson	**All mfg.**	**8**	**2**	**36.2**	**.0019**	**64**
Bacon	**All mfg.**	**7**	**2**	**95.5**	**.0049**	**65**
Baker	**All mfg.**	**1**	**1**	**5.3**	**.0003**	**100**
Baldwin	**All mfg.**	**15**	**9**	**290.1**	**.0149**	**93**
8062	*General medical & surgical hospitals*	*2*	*2*	*165.3*	*.1144*	*100*
Banks	**All mfg.**	**8**	**2**	**239.6**	**.0123**	**94**
2016	Poultry-dressing plants	1	1	202.4	2.1990	100
Barrow	**All mfg.**	**23**	**14**	**268.6**	**.0138**	**91**
Bartow	**All mfg.**	**41**	**17**	**641.7**	**.0330**	**83**
2272	Tufted carpets & rugs	13	6	298.8	5.0572	82
Ben Hill	**All mfg.**	**22**	**7**	**172.2**	**.0088**	**73**
Berrien	**All mfg.**	**6**	**2**	**63.2**	**.0032**	**83**
2211	Cotton-weaving mills	1	1	37.7	.7011	100
Bibb	**All mfg.**	**110**	**40**	**1,314.6**	**.0675**	**75**
8062	*General medical & surgical hospitals*	*5*	*4*	*133.7*	*.0925*	*98*
Bleckley	**All mfg.**	**6**	**2**	**68.8**	**.0035**	**81**
Brantley	**All mfg.**	**2**	**1**	**6.2**	**.0003**	**79**
Brooks	**All mfg.**	**4**	**3**	**42.4**	**.0022**	**98**
Bryan	**All mfg.**	**6**	**2**	**21.6**	**.0011**	**54**
Bulloch	**All mfg.**	**22**	**6**	**148.8**	**.0076**	**60**
Burke	**All mfg.**	**14**	**6**	**106.9**	**.0055**	**70**
Butts	**All mfg.**	**7**	**4**	**39.5**	**.0020**	**89**
Calhoun	**All mfg.**	**5**	**1**	**34.1**	**.0018**	**16**
Camden	**All mfg.**	**8**	**3**	**194.3**	**.0100**	**92**
Candler	**All mfg.**	**5**	**1**	**17.3**	**.0009**	**30**
Carroll	**All mfg.**	**45**	**21**	**872.6**	**.0448**	**93**
2311	Men's & boys' suits & coats	3	3	85.2	2.6590	100
3357	Nonferrous-wire drawing & insulating	1	1	440.2	5.1269	100
Catoosa	**All mfg.**	**4**	**2**	**249.3**	**.0128**	**99**
2272	Tufted carpets & rugs	1	1	237.4	4.0180	100
Charlton	**All mfg.**	**4**	**1**	**13.7**	**.0007**	**31**
Chatham	**All mfg.**	**90**	**34**	**2,106.4**	**.1082**	**86**
2631	Paperboard mills	2	2	211.4	1.9121	100
2643	Bags, except textile bags	2	1	374.2	6.0068	98
3715	Truck trailers	1	1	88.9	3.5947	100
4011	*Line-haul-operating railroads*	*2*	*1*	*84.1*	*.5904*	*98*
6025	*National banks, federal reserve system*	*3*	*2*	*289.2*	*.2702*	*97*
8062	*General medical & surgical hospitals*	*4*	*3*	*155.2*	*.1074*	*98*
Chattahoochee	**All mfg.**	**1**		**1.9**	**.0001**	**0**
Chattooga	**All mfg.**	**11**	**6**	**244.9**	**.0126**	**97**
2211	Cotton-weaving mills	1	1	84.1	1.5640	100
Cherokee	**All mfg.**	**18**	**4**	**136.8**	**.0070**	**78**
Clarke	**All mfg.**	**57**	**24**	**590.6**	**.0303**	**83**
2017	Poultry & egg processing	2	2	39.2	2.8773	100
3612	Transformers	1	1	47.6	1.7121	100
8221	*Colleges & universities n.e.c.*	*1*	*1*	*202.4*	*.9840*	*100*
Clay	**All mfg.**	**2**		**5.1**	**.0003**	**0**
Clayton	**All mfg.**	**54**	**12**	**400.3**	**.0206**	**67**
Clinch	**All mfg.**	**3**	**1**	**170.0**	**.0087**	**95**
3411	Metal cans	1	1	161.4	1.6494	100
Cobb	**All mfg.**	**104**	**26**	**2,239.6**	**.1150**	**88**
1611	*Highway & street construction*	*4*	*2*	*89.8*	*.5638*	*91*
3721	Aircraft	1	1	1,555.0	4.8549	100
Coffee	**All mfg.**	**22**	**3**	**256.5**	**.0132**	**70**
2016	Poultry-dressing plants	2	2	173.3	1.8828	100
Colquitt	**All mfg.**	**31**	**14**	**308.0**	**.0158**	**76**
2328	Men's & boys' work clothing	2	2	60.5	1.2487	100
Columbia	**All mfg.**	**10**	**3**	**74.0**	**.0038**	**51**
Cook	**All mfg.**	**8**	**4**	**63.6**	**.0033**	**86**
Coweta	**All mfg.**	**28**	**15**	**446.9**	**.0230**	**90**
3354	Aluminum extruded products	1	1	136.7	4.8124	100
Crawford	**All mfg.**	**2**		**14.1**	**.0007**	**0**
Crisp	**All mfg.**	**24**	**4**	**120.4**	**.0062**	**40**
Dade	**All mfg.**	**6**	**1**	**33.3**	**.0017**	**28**
Dawson	**All mfg.**	**2**	**1**	**8.8**	**.0005**	**69**
Decatur	**All mfg.**	**25**	**9**	**217.0**	**.0111**	**67**
De Kalb	**All mfg.**	**395**	**92**	**5,074.6**	**.2607**	**79**
2099	Food preparations n.e.c.	7	3	143.9	1.5737	87
2649	Converted paper products n.e.c.	3	1	103.1	3.8262	97
2711	Newspapers	4	1	151.1	.7084	94
2752	Lithographic commercial printing	15	3	191.3	1.2951	73
2842	Polishes & sanitation goods	10	7	290.9	6.6967	94
3079	Miscellaneous plastics products	22	5	128.1	.4285	64
3644	Non-current-carrying wiring devices	2	1	141.6	5.5466	98
3711	Motor vehicles & passenger-car bodies	1	1	1,412.8	1.3915	100
4911	*Electric services*	*3*	*2*	*3,207.6*	*5.2905*	*100*
5084	*Industrial-machinery distributors*	*28*	*1*	*360.1*	*.9513*	*39*
6025	*National banks, federal reserve system*	*6*	*2*	*388.9*	*.3633*	*96*
7011	*Hotels, motels, & tourist courts*	*34*	*7*	*145.1*	*.8322*	*65*
7374	*Data-processing services*	*10*	*1*	*68.7*	*1.0633*	*78*
8062	*General medical & surgical hospitals*	*11*	*10*	*471.5*	*.3263*	*100*
8221	*Colleges & universities n.e.c.*	*9*	*2*	*73.9*	*.3593*	*77*
Dodge	**All mfg.**	**5**	**3**	**71.7**	**.0037**	**93**
Dooly	**All mfg.**	**5**	**4**	**69.5**	**.0036**	**97**
Dougherty	**All mfg.**	**51**	**17**	**1,487.7**	**.0764**	**85**
2082	Malt beverages	1	1	285.9	2.3955	100
2283	Wool-yarn mills	1	1	27.8	7.7502	100
2647	Sanitary paper products	1	1	351.2	3.6895	100
3011	Tires & inner tubes	1	1	218.8	2.0837	100
8062	*General medical & surgical hospitals*	*2*	*2*	*63.3*	*.0438*	*100*
Douglas	**All mfg.**	**11**	**1**	**28.9**	**.0015**	**42**
Early	**All mfg.**	**8**	**3**	**231.5**	**.0119**	**89**
Echols	**All mfg.**	**1**		**2.1**	**.0001**	**0**
Effingham	**All mfg.**	**6**	**2**	**37.1**	**.0019**	**38**
Elbert	**All mfg.**	**39**	**7**	**117.7**	**.0060**	**52**
3281	Cut stone & stone products	28	1	19.5	5.8226	10
Emanuel	**All mfg.**	**18**	**9**	**98.6**	**.0051**	**70**
Evans	**All mfg.**	**11**	**2**	**103.7**	**.0053**	**68**
Fannin	**All mfg.**	**3**	**1**	**30.7**	**.0016**	**80**
Fayette	**All mfg.**	**21**	**6**	**136.5**	**.0070**	**60**
Floyd	**All mfg.**	**58**	**20**	**914.2**	**.0470**	**79**
2221	Synthetics- & silk-weaving mills	1	1	140.1	1.5758	100
2281	Yarn-spinning mills, except wool	1	1	102.5	2.1646	100
3612	Transformers	1	1	62.3	2.2408	100
8062	*General medical & surgical hospitals*	*4*	*3*	*86.5*	*.0599*	*95*
Forsyth	**All mfg.**	**11**	**3**	**66.7**	**.0034**	**61**
Franklin	**All mfg.**	**16**	**7**	**80.2**	**.0041**	**61**
Fulton	**All mfg.**	**352**	**91**	**4,024.7**	**.2067**	**76**
1611	*Highway & street construction*	*12*	*2*	*102.2*	*.6416*	*74*
2026	Fluid milk	4	3	191.8	1.1213	97
2052	Cookies & crackers	3	2	177.1	3.9307	96
2321	Men's & boys' shirts & nightwear	1	1	34.4	.8888	100
2751	Letterpress commercial printing	15	2	46.7	.9791	69
3221	Glass containers	1	1	98.1	1.9940	100
3312	Blast furnaces & steel mills	1	1	133.0	.3533	100
3711	Motor vehicles & passenger-car bodies	1	1	1,034.8	1.0192	100
4911	*Electric services*	*4*	*2*	*221.6*	*.3655*	*85*
5081	*Commercial-equipment wholesalers*	*11*	*1*	*276.5*	*2.2154*	*83*
7011	*Hotels, motels, & tourist courts*	*37*	*9*	*254.5*	*1.4597*	*81*
7372	*Computer programming & software*	*9*	*3*	*83.3*	*.8837*	*72*
7374	*Data-processing services*	*23*	*6*	*139.3*	*2.1560*	*72*
8062	*General medical & surgical hospitals*	*14*	*9*	*376.8*	*.2607*	*95*
Gilmer	**All mfg.**	**12**	**7**	**160.9**	**.0083**	**84**
Glascock	**All mfg.**	**3**	**1**	**9.8**	**.0005**	**47**
Glynn	**All mfg.**	**32**	**11**	**530.6**	**.0273**	**79**
2631	Paperboard mills	2	2	202.2	1.8289	100
Gordon	**All mfg.**	**47**	**17**	**582.9**	**.0299**	**74**
2272	Tufted carpets & rugs	22	9	447.6	7.5757	77
Grady	**All mfg.**	**11**	**4**	**146.2**	**.0075**	**82**
Greene	**All mfg.**	**14**	**3**	**58.0**	**.0030**	**49**
Gwinnett	**All mfg.**	**93**	**16**	**745.1**	**.0383**	**70**
3357	Nonferrous-wire drawing & insulating	1	1	344.6	4.0135	100
Habersham	**All mfg.**	**25**	**10**	**285.1**	**.0146**	**84**
Hall	**All mfg.**	**75**	**32**	**1,042.1**	**.0535**	**84**
2016	Poultry-dressing plants	7	5	300.9	3.2691	96
2211	Cotton-weaving mills	3	3	76.0	1.4134	100
Hancock	**All mfg.**	**3**		**6.5**	**.0003**	**0**
Haralson	**All mfg.**	**19**	**8**	**219.8**	**.0113**	**74**
2311	Men's & boys' suits & coats	3	3	83.5	2.6060	100
Harris	**All mfg.**	**5**	**2**	**25.0**	**.0013**	**56**
Hart	**All mfg.**	**14**	**7**	**155.7**	**.0080**	**92**
Heard	**All mfg.**	**3**	**2**	**33.6**	**.0017**	**95**
Henry	**All mfg.**	**16**	**5**	**91.7**	**.0047**	**72**
Houston	**All mfg.**	**11**	**6**	**172.5**	**.0089**	**93**
Irwin	**All mfg.**	**6**	**3**	**37.1**	**.0019**	**70**
Jackson	**All mfg.**	**12**	**9**	**110.9**	**.0057**	**87**
Jasper	**All mfg.**	**8**	**4**	**42.3**	**.0022**	**88**
Jeff Davis	**All mfg.**	**10**	**6**	**89.9**	**.0046**	**93**
2299	Textile goods n.e.c.	1	1	35.0	10.9204	100
Jefferson	**All mfg.**	**23**	**8**	**145.0**	**.0074**	**71**
Jenkins	**All mfg.**	**7**	**3**	**41.2**	**.0021**	**51**
8062	*General medical & surgical hospitals*	*1*	*1*	*62.2*	*.0430*	*100*
Johnson	**All mfg.**	**10**	**3**	**51.1**	**.0026**	**45**
Jones	**All mfg.**	**1**	**1**	**15.0**	**.0008**	**100**

DEFINITIONS: **SIC Industry:** Classification by primary product or service. **Total Establishments:** Those with 20 or more employees. **Large Establishments:** Those with 100 or more employees. **Shipments/Receipts:** Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.:** Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments:** Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.:** Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.:** Not Elsewhere Classified.

County SIC	Industry	Establishments		1983 (S&MM Est.)		
		Total	Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Lamar	**All mfg.**	**6**	**3**	**117.2**	**.0060**	**87**
2254	Knit-underwear mills	1	1	46.6	4.9601	100
Lanier	**All mfg.**	**1**	**1**	**2.5**	**.0001**	**100**
Laurens	**All mfg.**	**28**	**10**	**291.5**	**.0150**	**78**
2231	Wool-fabric weaving & finishing mills	1	1	35.8	4.2362	100
8062	*General medical & surgical hospitals*	*3*	*2*	*52.8*	*.0365*	*92*
Lee	**All mfg.**	**1**	**1**	**10.6**	**.0065**	**100**
Liberty	**All mfg.**	**5**	**2**	**76.4**	**.0039**	**84**
Lincoln	**All mfg.**	**4**	**2**	**21.1**	**.0011**	**47**
Long	**All mfg.**	**1**		**2.9**	**.0001**	**0**
Lowndes	**All mfg.**	**38**	**9**	**579.2**	**.0298**	**76**
Lumpkin	**All mfg.**	**4**	**2**	**45.0**	**.0023**	**84**
McDuffie	**All mfg.**	**14**	**3**	**62.5**	**.0032**	**45**
McIntosh	**All mfg.**	**4**	**1**	**28.2**	**.0014**	**31**
Macon	**All mfg.**	**10**	**4**	**105.9**	**.0054**	**81**
Madison	**All mfg.**	**5**	**4**	**29.2**	**.0015**	**84**
Marion	**All mfg.**	**2**	**1**	**22.5**	**.0012**	**87**
Meriwether	**All mfg.**	**17**	**5**	**195.2**	**.0100**	**76**
3079	Miscellaneous plastics products	1	1	81.9	.2740	100
Miller	**All mfg.**	**1**		**1.5**	**.0001**	**0**
Mitchell	**All mfg.**	**18**	**8**	**129.3**	**.0066**	**64**
Monroe	**All mfg.**	**10**	**7**	**95.1**	**.0049**	**87**
Montgomery	**All mfg.**	**5**	**3**	**29.7**	**.0015**	**90**
Morgan	**All mfg.**	**10**	**4**	**77.6**	**.0040**	**85**
Murray	**All mfg.**	**19**	**7**	**187.8**	**.0096**	**63**
Muscogee	**All hfg.**	**83**	**34**	**1,326.4**	**.0681**	**87**
1611	*Highway & street construction*	*8*	*3*	*136.8*	*.8589*	*90*
2065	Confectionery products	1	1	112.4	1.7714	100
2211	Cotton-weaving mills	5	4	143.9	2.6762	98
2221	Synthetics- & silk-weaving mills	1	1	170.2	1.9144	100
2281	Yarn-spinning mills, except wool	3	3	59.3	1.2523	100
8062	*General medical & surgical hospitals*	*3*	*2*	*94.7*	*.0655*	*96*
Newton	**All mfg.**	**17**	**6**	**283.4**	**.0146**	**85**
Oconee	**All mfg.**	**4**		**6.4**	**.0003**	**0**
Oglethorpe	**All mfg.**	**4**	**1**	**13.2**	**.0007**	**32**
Paulding	**All mfg.**	**7**	**1**	**23.3**	**.0012**	**35**
Peach	**All mfg.**	**7**	**3**	**156.5**	**.0080**	**43**
Pickens	**All mfg.**	**6**	**4**	**36.3**	**.0019**	**82**
Pierce	**All mfg.**	**6**		**21.6**	**.0011**	**0**
Pike	**All mfg.**	**1**	**1**	**8.5**	**.0004**	**100**
Polk	**All mfg.**	**21**	**11**	**309.6**	**.0159**	**86**
Pulaski	**All mfg.**	**6**	**4**	**52.9**	**.0027**	**83**
Putnam	**All mfg.**	**7**	**2**	**72.0**	**.0037**	**57**
Rabun	**All mfg.**	**8**	**4**	**181.3**	**.0093**	**94**
Randolph	**All mfg.**	**8**	**2**	**37.5**	**.0019**	**49**
Richmond	**All mfg.**	**94**	**30**	**1,237.9**	**.0636**	**79**
1611	*Highway & street construction*	*3*	*2*	*93.3*	*.5858*	*98*
2211	Cotton-weaving mills	2	2	45.3	.8425	100
8062	*General medical & surgical hospitals*	*6*	*5*	*296.6*	*.2052*	*99*
Rockdale	**All mfg.**	**31**	**12**	**346.4**	**.0178**	**78**
3646	Commercial electric lighting fixtures	1	1	122.5	7.1250	100
Schley	**All mfg.**	**6**	**1**	**27.0**	**.0014**	**54**
Screven	**All mfg.**	**10**	**4**	**111.2**	**.0057**	**82**
Seminole	**All mfg.**	**5**		**11.9**	**.0006**	**0**
Spalding	**All mfg.**	**37**	**12**	**330.7**	**.0170**	**75**
2211	Cotton-weaving mills	5	4	131.2	2.4400	98
Stephens	**All mfg.**	**29**	**11**	**304.8**	**.0157**	**79**
2284	Thread mills	1	1	106.1	14.1712	100
Stewart	**All mfg.**	**6**	**1**	**24.5**	**.0013**	**43**
Sumter	**All mfg.**	**31**	**7**	**264.4**	**.0136**	**68**
Taliaferro	**All mfg.**	**2**		**2.3**	**.0001**	**0**
Tattnall	**All mfg.**	**9**	**2**	**32.6**	**.0017**	**36**
Taylor	**All mfg.**	**3**	**1**	**30.5**	**.0016**	**79**
Telfair	**All mfg.**	**9**	**4**	**141.6**	**.0073**	**83**
2328	Men's & boys' work clothing	1	1	66.0	1.3623	100
Terrell	**All mfg.**	**4**	**4**	**78.1**	**.0040**	**100**
Thomas	**All mfg.**	**37**	**10**	**548.7**	**.0282**	**78**
2011	Meat-packing plants	1	1	315.4	.7143	100
Tift	**All mfg.**	**29**	**8**	**254.3**	**.0131**	**56**
Toombs	**All mfg.**	**19**	**4**	**95.4**	**.0049**	**51**
Towns	**All mfg.**	**3**		**5.3**	**.0003**	**0**
Treutlen	**All mfg.**	**2**		**11.4**	**.0006**	**0**
Troup	**All mfg.**	**59**	**22**	**534.6**	**.0275**	**78**
2211	Cotton-weaving mills	4	4	46.1	.8573	100
Turner	**All mfg.**	**5**	**3**	**52.4**	**.0027**	**93**
Twiggs	**All mfg.**	**5**	**3**	**55.1**	**.0028**	**89**
Union	**All mfg.**	**4**	**1**	**18.2**	**.0009**	**62**
Upson	**All mfg.**	**15**	**9**	**399.9**	**.0205**	**88**
2296	Tire cord & fabric	2	2	235.5	21.7171	100
Walker	**All mfg.**	**39**	**17**	**357.8**	**.0189**	**85**
Walton	**All mfg.**	**21**	**11**	**212.7**	**.0109**	**83**
Ware	**All mfg.**	**35**	**6**	**183.3**	**.0094**	**30**
Warren	**All mfg.**	**5**	**4**	**61.8**	**.0032**	**97**
Washington	**All mfg.**	**18**	**7**	**83.2**	**.0043**	**54**
Wayne	**All mfg.**	**19**	**5**	**212.1**	**.0109**	**79**
2611	Pulp mills	1	1	149.4	4.6897	100
Webster	**All mfg.**	**2**		**8.4**	**.0004**	**0**
Wheeler	**All mfg.**	**1**	**1**	**7.4**	**.0004**	**100**
White	**All mfg.**	**7**	**4**	**3[illegible].5**	**.0019**	**83**
Whitfield	**All mfg.**	**137**	**46**	**2,094.4**	**.1076**	**83**
2211	Cotton-weaving mills	4	2	38.8	.7216	87
2272	Tufted carpets & rugs	55	25	1,689.7	28.5983	89
Wilcox	**All mfg.**	**1**		**5.4**	**.0003**	**0**
Wilkes	**All mfg.**	**12**	**6**	**86.4**	**.0044**	**77**
Wilkinson	**All mfg.**	**7**	**2**	**15.5**	**.0008**	**43**
Worth	**All mfg.**	**10**	**3**	**59.9**	**.0031**	**54**
STATE TOTAL	**All mfg.**	**3,510**	**1,161**	**42,797.6**	**2.1983**	**79**

HAWAII

County SIC	Industry	Total	Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Hawaii	**All mfg.**	**32**	**9**	**326.8**	**.0168**	**70**
2061	Raw cane sugar	5	5	167.2	12.0253	100
Honolulu	**All mfg.**	**230**	**41**	**2,426.8**	**.1247**	**69**
2033	Canned fruits & vegetables	4	2	418.7	4.5749	99
2061	Raw cane sugar	2	2	115.8	8.3285	100
2339	Women's & misses' outerwear n.e.c.	22	3	49.8	1.0647	44
3272	Concrete products n.e.c.	10	4	57.0	1.9346	74
4911	*Electric services*	*2*	*2*	*499.5*	*.8239*	*100*
7011	*Hotels, motels, & tourist courts*	*46*	*16*	*416.6*	*2.3895*	*86*
8062	*General medical & surgical hospitals*	*12*	*11*	*415.6*	*.2876*	*99*
Kauai	**All mfg.**	**11**	**4**	**220.5**	**.0113**	**85**
2061	Raw cane sugar	4	4	188.1	13.5285	100
Maui	**All mfg.**	**24**	**4**	**328.6**	**.0169**	**79**
2061	Raw cane sugar	3	2	188.6	13.5644	98
7011	*Hotels, motels, & tourist courts*	*11*	*5*	*42.8*	*.2455*	*80*
STATE TOTAL	**All mfg.**	**297**	**58**	**3,302.7**	**.1696**	**71**

IDAHO

County SIC	Industry	Total	Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Ada	**All mfg.**	**66**	**14**	**936.5**	**.0481**	**78**
1623	*Pipe- & utility-line construction*	*2*	*1*	*92.4*	*1.6073*	*98*
1629	*Heavy construction n.e.c.*	*3*	*1*	*950.0*	*4.0125*	*99*
3573	Electronic computing equipment	1	1	361.0	.9175	100
4911	*Electric services*	*3*	*1*	*213.3*	*.3518*	*97*
6025	*National banks, federal reserve system*	*2*	*2*	*370.5*	*.3461*	*100*
8062	*General medical & surgical hospitals*	*3*	*3*	*95.9*	*.0664*	*100*
Adams	**All mfg.**	**2**	**1**	**10.7**	**.0005**	**77**
Bannock	**All mfg.**	**20**	**8**	**671.1**	**.0345**	**91**
3532	Mining machinery	1	1	40.6	2.2639	100
Bear Lake	**All mfg.**	**2**		**8.4**	**.0004**	**0**
Benewah	**All mfg.**	**8**	**2**	**58.9**	**.0030**	**58**
Bingham	**All mfg.**	**11**	**5**	**183.1**	**.0094**	**83**
2034	Dehydrated fruits, vegetables, & soups	4	4	129.4	8.1599	100
Blaine	**All mfg.**	**1**	**1**	**7.1**	**.0004**	**100**
Boise	**All mfg.**	**1**	**1**	**11.3**	**.0006**	**100**
Bonner	**All mfg.**	**14**	**5**	**85.0**	**.0044**	**66**
Bonneville	**All mfg.**	**30**	**9**	**188.2**	**.0097**	**53**
Boundary	**All mfg.**	**1**	**1**	**12.2**	**.0006**	**100**
Camas	**All mfg.**	**1**		**2.8**	**.0001**	**0**
Canyon	**All mfg.**	**43**	**14**	**615.5**	**.0316**	**68**
2034	Dehydrated fruits, vegetables, & soups	2	1	131.7	8.3050	95
Caribou	**All mfg.**	**3**	**2**	**169.8**	**.0087**	**96**
Cassia	**All mfg.**	**10**	**4**	**170.3**	**.0087**	**92**
2037	Frozen fruits & vegetables	2	2	109.2	2.2275	100
Clearwater	**All mfg.**	**7**	**1**	**91.7**	**.0047**	**50**
Elmore	**All mfg.**	[illegible]		**5.7**	**.0003**	**0**
Franklin	**All mfg.**	**3**	**1**	**12.6**	**.0006**	**59**
Fremont	**All mfg.**	**2**		**6.7**	**.0003**	**0**
Gem	**All mfg.**	**5**	**2**	**42.3**	**.0022**	**84**
Gooding	**All mfg.**	**1**		**23.6**	**.0012**	**0**
Idaho	**All mfg.**	**5**	**2**	**48.9**	**.0025**	**58**
Jefferson	**All mfg.**	**3**	**2**	**88.1**	**.0045**	**71**
Jerome	**All mfg.**	**6**	**3**	**107.5**	**.0055**	**91**
Kootenai	**All mfg.**	**23**	**11**	**284.4**	**.0146**	**81**
2421	General sawmills & planing mills	6	6	108.8	.8844	100
Latah	**All mfg.**	**7**	**1**	**33.0**	**.0017**	**35**
Lemhi	**All mfg.**	**1**		**6.9**	**.0004**	**0**
Lewis	**All mfg.**	**3**	**1**	**17.[illegible]**	**.0009**	**76**
Lincoln	**All mfg.**	**1**		**12.5**	**.0006**	**0**
Madison	**All mfg.**	**3**	**2**	**12.7**	**.0007**	**52**
Minidoka	**All mfg.**	**9**	**3**	**172.4**	**.0089**	**85**
2037	Frozen fruits & vegetables	1	1	88.0	1.7951	100
Nez Perce	**All mfg.**	**14**	**8**	**312.9**	**.0161**	**93**
Payette	**All mfg.**	**4**	**1**	**46.8**	**.0024**	**64**
Power	**All mfg.**	**3**	**1**	**75.1**	**.0039**	**88**
Shoshone	**All mfg.**	**8**	**3**	**118.0**	**.0061**	**82**

1983 (S&MM Est.)

IDAHO (cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
Twin Falls	**All mfg.**	**32**	**8**	**418.7**	**.0215**	**62**
Valley	**All mfg.**	**1**	**1**	**8.2**	**.0004**	**100**
Washington	**All mfg.**	**2**	**1**	**19.1**	**.0010**	**82**
STATE TOTAL	**All mfg.**	**357**	**119**	**5,095.7**	**.2617**	**77**

ILLINOIS

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
Adams	**All mfg.**	**48**	**17**	**743.3**	**.0382**	**84**
2048	Prepared feeds n.e.c.	3	2	238.6	2.7757	98
3499	Fabricated metal products n.e.c.	2	2	89.4	2.1234	100
8062	*General medical & surgical hospitals*	*2*	*2*	*62.2*	*.0430*	*100*
Alexander	**All mfg.**	**10**	**2**	**64.0**	**.0033**	**65**
Bond	**All mfg.**	**7**	**2**	**76.5**	**.0039**	**78**
Boone	**All mfg.**	**19**	**7**	**1,543.5**	**.0793**	**98**
3711	Motor vehicles & passenger-car bodies	1	1	1,412.8	1.3915	100
Brown	**All mfg.**	**3**		**14.2**	**.0007**	**0**
Bureau	**All mfg.**	**30**	**8**	**241.9**	**.0124**	**75**
Carroll	**All mfg.**	**10**	**4**	**90.4**	**.0046**	**71**
Cass	**All mfg.**	**10**	**2**	**165.3**	**.0085**	**82**
Champaign	**All mfg.**	**54**	**18**	**857.1**	**.0440**	**87**
2079	Shortening & cooking oils n.e.c.	1	1	396.1	8.2823	100
8062	*General medical & surgical hospitals*	*6*	*4*	*118.9*	*.0823*	*94*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*81.5*	*.3962*	*100*
Christian	**All mfg.**	**22**	**7**	**376.9**	**.0194**	**73**
Clark	**All mfg.**	**13**	**5**	**149.3**	**.0077**	**85**
Clay	**All mfg.**	**9**	**1**	**50.5**	**.0026**	**45**
Clinton	**All mfg.**	**10**	**2**	**43.8**	**.0022**	**46**
Coles	**All mfg.**	**46**	**23**	**684.5**	**.0352**	**87**
3641	Electric lamps	1	1	118.4	5.5129	100
Cook	**All mfg.**	**5,950**	**1,614**	**62,621.2**	**3.2165**	**78**
1211	*Bituminous-coal & lignite mining*	*4*	*2*	*279.7*	*1.5222*	*95*
1611	*Highway & street construction*	*34*	*15*	*333.7*	*2.0951*	*79*
1622	*Bridge & tunnel construction*	*9*	*4*	*159.9*	*3.0969*	*87*
1623	*Pipe- & utility-line construction*	*19*	*10*	*159.1*	*2.7676*	*84*
1629	*Heavy construction n.e.c.*	*29*	*13*	*542.9*	*2.2930*	*85*
2011	Meat-packing plants	48	17	1,862.3	4.2176	79
2013	Sausages & other prepared meats	46	19	706.4	6.6440	78
2033	Canned fruits & vegetables	15	8	224.8	2.4563	88
2035	Pickles, sauces, & salad dressings	16	2	187.9	4.8890	51
2046	Wet corn milling	2	1	505.1	12.8596	99
2051	Bread, cake, & related products	50	26	727.2	5.8174	90
2052	Cookies & crackers	14	8	582.4	12.9261	94
2065	Confectionery products	43	19	1,269.6	20.0088	92
2067	Chewing gum	1	1	175.1	21.0558	100
2086	Bottled & canned soft drinks	15	7	446.5	2.6051	92
2087	Flavoring extracts & syrups n.e.c.	19	2	515.4	12.8847	64
2099	Food preparations n.e.c.	44	19	574.2	6.2795	76
2291	Felt goods, except woven felts & hats	10	3	47.9	21.9122	80
2328	Men's & boys' work clothing	5	4	55.0	1.1352	98
2335	Women's & misses' dresses	17	4	68.5	1.6433	65
2392	House furnishings n.e.c.	19	4	104.8	3.5675	45
2399	Fabricated textile products n.e.c.	19	3	49.4	4.0826	52
2431	Millwork	28	1	88.4	1.7838	36
2499	Wood products n.e.c.	30	5	93.9	2.7701	55
2511	Wood household furniture	20	3	63.0	1.0637	46
2512	Upholstered wood household furniture	16	3	54.0	1.2298	47
2514	Metal household furniture	16	9	139.4	7.9250	88
2515	Mattresses & bedsprings	19	6	114.8	5.1339	70
2541	Wood partitions & fixtures	17	5	105.8	6.5208	76
2542	Metal partitions & fixtures	16	3	125.4	5.7013	65
2641	Paper coating & glazing	26	15	394.3	6.9714	84
2642	Envelopes	14	7	134.6	7.4505	83
2643	Bags, except textile bags	17	5	175.6	2.8188	65
2645	Die-cut paper & board	16	4	88.3	7.0538	57
2649	Converted paper products n.e.c.	25	6	103.5	3.8410	52
2651	Folding paperboard boxes	37	12	215.6	6.3045	69
2653	Corrugated & solid fiber boxes	56	24	602.5	5.8295	76
2654	Sanitary food containers	8	5	300.6	11.4825	96
2711	Newspapers	46	14	638.8	2.9947	84
2721	Periodicals	100	11	928.0	8.6379	56
2731	Book publishing	32	16	551.3	7.2604	86
2741	Miscellaneous publishing	30	14	217.4	8.6873	83
2751	Letterpress commercial printing	179	29	495.2	10.3820	69
2752	Lithographic commercial printing	153	30	1,139.7	7.7161	52
2753	Engraving & plate printing	15	5	45.5	13.0898	79
2761	Manifold business forms	14	2	312.8	5.7456	84
2771	Greeting-card publishing	14	4	151.0	6.8018	71
2782	Blankbooks & looseleaf binders	19	7	125.0	5.8893	66
2789	Bookbinding & related work	28	8	74.7	9.0931	66
2791	Typesetting	30	4	85.8	9.7202	48
2793	Photoengraving	16	3	27.1	10.9761	35
2819	Industrial inorganic chemicals n.e.c.	21	6	258.0	2.2036	72
2821	Plastics materials & synthetic resins	15	3	323.5	1.8492	56
2834	Pharmaceutical preparations	18	2	269.3	1.5001	70
2841	Soap & other detergents	18	2	318.2	3.5409	49
2842	Polishes & sanitation goods	39	5	260.3	5.9923	44
2844	Toilet preparations	28	11	765.0	8.7286	89
2851	Paints & allied products	64	20	954.6	10.6926	79
2869	Industrial organic chemicals n.e.c.	23	5	639.4	1.7389	59
2891	Adhesives & sealants	26	4	144.5	6.1792	46
2893	Printing ink	24	9	207.1	18.0842	73
2899	Chemical preparations n.e.c.	43	6	262.8	4.6624	37
2911	Petroleum refining	7	3	4,186.9	2.3083	92
2952	Asphalt felts & coatings	13	4	226.4	8.0102	76
2992	Lubricating oils & greases	21	3	142.5	6.7851	49
3069	Fabricated rubber products n.e.c.	35	12	161.5	2.8319	72
3079	Miscellaneous plastics products	227	60	1,234.2	4.1285	61
3111	Leather tanning & finishing	8	5	71.5	4.7157	85
3143	Men's nonathletic footwear	2	2	117.9	5.7128	100
3161	Luggage	15	3	53.2	7.1631	46
3229	Pressed & blown glass n.e.c.	12	3	84.5	2.5812	77
3231	Products of purchased glass	25	6	130.8	5.0873	55
3272	Concrete products n.e.c.	23	4	63.0	2.1382	56
3273	Ready-mixed concrete	12	3	92.6	1.3620	68
3291	Abrasive products	13	5	176.9	5.8392	77
3293	Gaskets, packing, & sealing devices	17	5	275.4	16.0818	89
3312	Blast furnaces & steel mills	24	12	1,502.1	3.9907	96
3315	Steel wire & related products	8	4	107.4	5.4930	88
3316	Cold-rolled steel sheet, strip, & bars	41	15	183.7	8.3732	73
3317	Steel pipe & tubes	13	5	92.4	2.8167	80
3321	Gray-iron foundries	11	3	77.1	.9875	64
3325	Steel foundries n.e.c.	12	5	74.8	2.6374	88
3341	Secondary nonferrous metals	17	7	307.0	7.1060	77
3353	Aluminum sheet, plate, & foil	1	1	717.6	8.3455	100
3361	Aluminum foundries	31	11	176.1	5.6099	63
3362	Brass, bronze, & copper foundries	14	3	33.1	4.9271	49
3369	Nonferrous foundries n.e.c.	19	3	38.0	4.1403	48
3411	Metal cans	17	11	755.4	7.7199	94
3412	Metal shipping barrels, drums, & pails	14	2	96.3	8.1108	58
3423	Hand & edge tools n.e.c.	29	9	176.4	6.0983	74
3429	Hardware n.e.c.	43	12	264.4	4.7295	63
3432	Plumbing fittings & brass goods	9	5	82.2	5.9643	91
3433	Heating equipment, except electric	13	4	46.1	2.6338	69
3441	Fabricated structural metal	64	11	217.6	2.6494	47
3442	Metal doors, sash, & trim	44	7	122.3	2.8362	39
3443	Fabricated plate work (boiler shops)	30	3	110.7	1.1598	31
3444	Sheet-metal work	71	19	278.9	4.8575	69
3446	Architectural & ornamental metal work	14	4	80.0	7.3780	79
3449	Miscellaneous metal work	18	3	77.7	3.7170	39
3451	Screw-machine products	88	9	188.5	9.2775	30
3452	Bolts, nuts, rivets, & washers	62	14	317.6	7.6665	63
3462	Iron & steel forgings	43	14	407.9	11.1266	83
3465	Automotive stampings	3	3	754.0	8.7981	100
3466	Crowns & closures	11	5	194.3	26.6128	88
3469	Metal stampings n.e.c.	94	22	503.7	7.9049	66
3471	Plating & polishing	99	7	147.5	7.6054	21
3479	Metal coating & allied services n.e.c.	43	6	147.3	6.9511	44
3493	Steel springs, except wire	14	5	51.7	11.9070	72
3494	Valves & pipe fittings	23	10	267.5	3.0798	83
3495	Wire springs	17	7	111.0	11.6194	81
3496	Miscellaneous fabricated wire products	59	11	91.6	5.4670	44
3498	Fabricated pipe & fittings	17	3	113.3	4.2454	58
3499	Fabricated metal products n.e.c.	62	13	236.4	5.6149	55
3523	Farm machinery & equipment	7	2	98.6	1.0473	83
3531	Construction machinery	12	6	570.6	4.7348	97
3536	Hoists, industrial cranes, & monorails	4	1	50.5	5.0918	85
3537	Industrial trucks & tractors	14	7	85.3	5.2693	92
3541	Metal-cutting machine tools	35	8	119.5	3.2254	54
3542	Metal-forming machine tools	24	8	196.7	19.6700	87
3544	Special dies, tools, jigs, & fixtures	170	15	202.5	6.8031	31
3545	Machine-tool accessories	25	5	134.0	5.4893	76
3546	Power-driven hand tools	7	5	75.4	5.3490	95
3551	Food products machinery	33	10	125.2	5.9336	63
3555	Printing trades machinery	43	10	216.5	11.5720	59
3559	Special-industry machinery n.e.c.	36	13	146.7	3.3914	68
3561	Pumps & pumping equipment	27	8	191.6	3.6234	76
3564	Blowers & exhaust & ventilation fans	17	3	47.2	2.9674	59
3566	Speed changers, drives, & gears	11	3	87.4	6.1016	77
3567	Industrial process furnaces & ovens	18	6	83.0	9.6974	81

DEFINITIONS **SIC Industry**: Classification by primary product or service **Total Establishments**: Those with 20 or more employees **Large Establishments**: Those with 100 or more employees **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability **N.E.C.**: Not Elsewhere Classified

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
3568	Power-transmission equipment n.e.c.	24	11	132.7	7.2494	80
3569	General industrial machinery n.e.c.	42	14	350.1	10.7077	88
3573	Electronic computing equipment	20	11	345.7	.8786	89
3579	Office machines n.e.c.	25	14	578.8	11.8926	91
3585	Refrigeration & heating equipment	18	7	188.0	1.5110	80
3589	Service-industry machinery n.e.c.	25	5	116.5	5.3409	62
3599	Machinery, except electrical, n.e.c.	180	16	481.8	5.4199	36
3612	Transformers	21	9	215.9	7.7656	88
3613	Switchgear & switchboard apparatus	29	10	320.9	7.2699	83
3621	Motors & generators	23	11	163.2	2.6645	84
3622	Industrial controls	19	9	164.5	3.9736	81
3633	Household laundry equipment	2	2	381.6	14.7873	100
3636	Sewing machines	6	3	113.3	33.4120	96
3639	Household appliances n.e.c.	1	1	152.8	9.2825	100
3643	Current-carrying wiring devices	21	11	127.3	4.3777	83
3644	Non-current-carrying wiring devices	9	5	317.7	12.4447	94
3645	Residential electric lighting fixtures	21	6	102.7	8.6659	67
3646	Commercial electric lighting fixtures	12	5	155.8	9.0618	80
3648	Lighting equipment n.e.c.	21	6	104.6	8.9165	50
3651	Radio & TV receiving sets	28	14	890.0	13.0811	94
3661	Telephone & telegraph apparatus	9	6	2,318.8	14.4965	99
3662	Radio & TV communication equipment	40	16	798.4	2.4436	88
3671	Electron tubes	1	1	393.3	15.8053	100
3677	Electronic coils & transformers	19	9	93.1	10.[illegible]478	81
3678	Electronic connectors	6	6	422.7	15.7989	100
3679	Electronic components n.e.c.	58	17	420.5	3.4005	79
3693	X-ray apparatus & tubes	11	8	308.0	8.8648	94
3694	Engine electrical equipment	10	6	141.7	3.1922	93
3699	Electrical equipment & supplies n.e.c.	15	3	67.4	5.8968	52
3711	Motor vehicles & passenger-car bodies	3	3	1,420.6	1.3992	100
3714	Motor-vehicle parts & accessories	50	14	683.1	1.6073	76
3743	Railroad equipment	26	13	515.9	17.5053	95
3811	Engineering & scientific instruments	17	5	110.1	4.1012	77
3822	Environmental controls	12	6	106.9	6.7933	92
3825	Electricity-measuring instruments	17	10	289.6	5.1589	93
3829	Measuring & controlling devices n.e.c.	13	7	96.9	5.9186	84
3841	Surgical & medical instruments	19	6	171.9	5.6652	80
3842	Surgical appliances & supplies	25	6	266.2	5.9746	81
3843	Dental equipment & supplies	19	7	147.1	12.4324	80
3861	Photographic equipment & supplies	51	15	1,209.5	6.6741	75
3931	Musical instruments & parts	19	4	97.4	9.1258	77
3944	Games, toys, & children's vehicles	18	10	232.0	5.2882	88
3949	Sporting & athletic goods n.e.c.	23	9	85.9	2.9401	77
3953	Marking devices	16	3	25.1	12.1373	53
3993	Signs & advertising displays	83	15	179.7	10.7200	54
3999	Manufactures n.e.c.	57	13	408.0	15.1212	82
4011	*Line-haul-operating railroads*	*21*	*10*	*2,590.0*	*18.1828*	*99*
4911	*Electric services*	*3*	*2*	*1,948.9*	*3.2145*	*100*
4922	*Natural-gas transmission*	*3*	*3*	*475.9*	*3.5129*	*100*
4924	*Natural-gas distribution*	*10*	*2*	*867.8*	*6.9235*	*88*
5051	*Metals service centers & sales offices*	*124*	*18*	*6,454.1*	*11.7757*	*59*
5063	*Electrical-power-equipment wholesalers*	*93*	*7*	*1,572.6*	*4.3894*	*32*
5065	*Electronic-parts wholesalers*	*61*	*1*	*842.6*	*4.7037*	*3*
5081	*Commercial-equipment wholesalers*	*100*	*11*	*1,620.7*	*12.9853*	*68*
5084	*Industrial-machinery distributors*	*193*	*14*	*2,166.8*	*5.7241*	*28*
5085	*Industrial-supply distributors*	*175*	*5*	*1,554.8*	*4.6404*	*14*
6025	*National banks, federal reserve system*	*95*	*35*	*5,484.0*	*5.1235*	*94*
7011	*Hotels, motels, & tourist courts*	*84*	*35*	*669.4*	*3.8394*	*90*
7372	*Computer programming & software*	*29*	*6*	*206.5*	*2.1907*	*73*
7374	*Data-processing services*	*59*	*9*	*295.4*	*4.5720*	*57*
8062	*General medical & surgical hospitals*	*80*	*76*	*4,424.1*	*3.0614*	*100*
8221	*Colleges & universities n.e.c.*	*28*	*17*	*728.2*	*3.5402*	*96*
Crawford	**All mfg.**	**20**	**7**	**1,617.0**	**.0831**	**89**
Cumberland	**All mfg.**	**4**	**2**	**20.9**	**.0011**	**79**
De Kalb	**All mfg.**	**54**	**16**	**662.8**	**.0340**	**78**
3661	Telephone & telegraph apparatus	1	1	133.7	.8359	100
De Witt	**All mfg.**	**7**	**2**	**68.1**	**.0035**	**87**
Douglas	**All mfg.**	**10**	**2**	**172.8**	**.0089**	**88**
Du Page	**All mfg.**	**659**	**165**	**5,197.2**	**.2670**	**70**
1622	*Bridge & tunnel construction*	*2*	*1*	*137.7*	*2.6670*	*98*
1623	*Pipe- & utility-line construction*	*8*	*5*	*65.0*	*1.1307*	*88*
1629	*Heavy construction n.e.c.*	*7*	*3*	*138.7*	*.5858*	*90*
2653	Corrugated & solid fiber boxes	14	4	137.7	1.3323	82
2721	Periodicals	4	2	135.8	1.2640	94
2752	Lithographic commercial printing	18	3	190.7	1.2911	54
3079	Miscellaneous plastics products	46	14	231.2	.7734	65
3599	Machinery, except electrical, n.e.c.	21	2	95.9	1.0788	67
3661	Telephone & telegraph apparatus	5	2	492.3	3.0777	97
3662	Radio & TV communication equipment	6	5	108.9	.3333	98
3811	Engineering & scientific instruments	3	2	42.4	1.5794	97
5084	*Industrial-machinery distributors*	*28*	*1*	*356.1*	*.9407*	*34*
7372	*Computer programming & software*	*13*	*4*	*190.1*	*2.0167*	*86*
8062	*General medical & surgical hospitals*	*5*	*5*	*188.4*	*.1304*	*100*
Edgar	**All mfg.**	**14**	**7**	**172.8**	**.0089**	**92**
Edwards	**All mfg.**	**4**	**3**	**209.5**	**.0108**	**100**
3714	Motor-vehicle parts & accessories	2	2	200.6	.4720	100

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County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Effingham	**All mfg.**	**26**	**5**	**326.0**	**.0167**	**78**
2752	Lithographic commercial printing	2	1	139.4	.9438	98
3585	Refrigeration & heating equipment	2	2	110.4	.8873	100
Fayette	**All mfg.**	**13**	**4**	**92.4**	**.0047**	**70**
Ford	**All mfg.**	**18**	**8**	**251.2**	**.0129**	**91**
Franklin	**All mfg.**	**16**	**2**	**45.1**	**.0023**	**41**
1211	*Bituminous-coal & lignite mining*	*3*	*3*	*143.4*	*.7804*	*100*
Fulton	**All mfg.**	**10**	**4**	**163.3**	**.0084**	**80**
3523	Farm machinery & equipment	1	1	111.2	1.1812	100
Gallatin	**All mfg.**	**4**	**1**	**22.4**	**.0012**	**57**
Greene	**All mfg.**	**3**	**2**	**25.5**	**.0013**	**59**
Grundy	**All mfg.**	**23**	**8**	**449.2**	**.0231**	**76**
4912	*Nuclear power*	*3*	*3*	*389.0*	*2.8567*	*100*
Hamilton	**All mfg.**	**3**		**7.3**	**.0004**	**0**
Hancock	**All mfg.**	**9**	**2**	**39.4**	**.0020**	**24**
Henry	**All mfg.**	**30**	**9**	**252.2**	**.0130**	**71**
Iroquois	**All mfg.**	**22**	**6**	**216.2**	**.0111**	**70**
Jackson	**All mfg.**	**14**	**5**	**143.8**	**.0074**	**58**
8221	*Colleges & universities n.e.c.*	*1*	*1*	*54.3*	*.2640*	*100*
Jasper	**All mfg.**	**3**	**2**	**42.4**	**.0022**	**97**
Jefferson	**All mfg.**	**16**	**7**	**182.0**	**.0093**	**87**
Jersey	**All mfg.**	**2**	**1**	**10.5**	**.0005**	**74**
Jo Daviess	**All mfg.**	**17**	**5**	**175.3**	**.0090**	**55**
Johnson	**All mfg.**	**1**		**2.1**	**.0001**	**0**
Kane	**All mfg.**	**356**	**108**	**3,722.0**	**.1912**	**80**
2335	Women's & misses' dresses	1	1	52.5	1.2595	100
2522	Metal office furniture	3	2	165.2	5.0599	95
2542	Metal partitions & fixtures	5	4	127.8	5.8104	94
3079	Miscellaneous plastics products	32	7	172.1	.5757	54
3293	Gaskets, packing, & sealing devices	4	3	102.3	5.9737	98
3494	Valves & pipe fittings	3	3	82.1	.9453	100
3531	Construction machinery	2	2	122.7	1.0181	100
3537	Industrial trucks & tractors	4	1	132.3	8.1727	97
3544	Special dies, tools, jigs, & fixtures	8	3	38.9	1.3069	82
3561	Pumps & pumping equipment	3	2	89.4	1.6907	95
3592	Carburetors, pistons, rings, & valves	1	1	83.4	3.5208	100
3622	Industrial controls	6	2	85.1	2.0557	93
3661	Telephone & telegraph apparatus	1	1	222.8	1.3929	100
3662	Radio & TV communication equipment	4	2	139.4	.4267	95
4924	*Natural-gas distribution*	*3*	*1*	*468.9*	*3.7410*	*96*
8062	*General medical & surgical hospitals*	*6*	*6*	*207.2*	*.1434*	*100*
Kankakee	**All mfg.**	**62**	**24**	**1,221.1**	**.0627**	**89**
2047	Pet food	2	1	290.2	7.6815	98
3079	Miscellaneous plastics products	6	4	99.8	.3338	92
3524	Lawn & garden equipment	1	1	58.0	4.1835	100
8062	*General medical & surgical hospitals*	*3*	*3*	*122.2*	*.0846*	*100*
Kendall	**All mfg.**	**19**	**2**	**97.2**	**.0050**	**39**
Knox	**All mfg.**	**28**	**10**	**634.7**	**.0326**	**79**
3519	Internal-combustion engines n.e.c.	1	1	164.0	1.8252	100
Lake	**All mfg.**	**278**	**87**	**3,567.8**	**.1833**	**84**
2051	Bread, cake, & related products	2	1	86.8	.6944	93
2751	Letterpress commercial printing	10	5	25.1	.5262	76
2834	Pharmaceutical preparations	4	2	1,014.9	5.6533	99
3079	Miscellaneous plastics products	20	7	126.1	.4218	69
3519	Internal-combustion engines n.e.c.	1	1	437.3	4.8668	100
3531	Construction machinery	2	2	114.6	.9509	100
4912	*Nuclear power*	*2*	*2*	*438.6*	*3.2210*	*100*
8062	*General medical & surgical hospitals*	*8*	*8*	*332.4*	*.2300*	*100*
La Salle	**All mfg.**	**94**	**38**	**1,260.9**	**.0648**	**85**
3211	Flat glass	1	1	108.6	6.4639	100
3221	Glass containers	2	2	212.9	4.3275	100
3714	Motor-vehicle parts & accessories	5	5	140.5	.3306	100
4912	*Nuclear power*	*1*	*1*	*226.8*	*1.6656*	*100*
8062	*General medical & surgical hospitals*	*4*	*3*	*69.0*	*.0477*	*93*
Lawrence	**All mfg.**	**6**	**4**	**1,361.7**	**.0699**	**99**
Lee	**All mfg.**	**26**	**8**	**245.1**	**.0126**	**66**
3714	Motor-vehicle parts & accessories	2	2	114.0	.2682	100
8062	*General medical & surgical hospitals*	*2*	*2*	*106.5*	*.0737*	*100*
Livingston	**All mfg.**	**29**	**11**	**176.2**	**.0091**	**73**
Logan	**All mfg.**	**15**	**9**	**247.9**	**.0127**	**90**
McDonough	**All mfg.**	**19**	**7**	**177.8**	**.0091**	**78**
8221	*Colleges & universities n.e.c.*	*1*	*1*	*71.7*	*.3486*	*100*
McHenry	**All mfg.**	**181**	**51**	**1,147.1**	**.0589**	**68**
3369	Nonferrous foundries n.e.c.	3	2	30.9	3.3667	96
3622	Industrial controls	3	2	69.1	1.6692	93
3679	Electronic components n.e.c.	9	4	57.7	.4666	83
McLean	**All mfg.**	**48**	**13**	**589.7**	**.0303**	**80**
3622	Industrial controls	1	1	72.7	1.7561	100
3635	Household vacuum cleaners	1	1	218.5	24.9287	100
8062	*General medical & surgical hospitals*	*3*	*3*	*67.9*	*.0470*	*100*
8221	*Colleges & universities n.e.c.*	*2*	*1*	*102.8*	*.4998*	*96*
Macon	**All mfg.**	**71**	**24**	**2,526.7**	**.1298**	**91**
2046	Wet corn milling	2	2	658.2	16.7575	100
3011	Tires & inner tubes	1	1	321.0	3.0569	100
3322	Malleable-iron foundries	2	1	29.4	6.6697	97

1983 (S&MM Est.)

ILLINOIS (Macon. cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U S Ship Recpt	% In Large Estab
3494	Valves & pipe fittings	2	2	79.0	.9096	100
3531	Construction machinery	1	1	546.7	4.5364	100
4931	*Electric & other services combined*	*1*	*1*	*619.1*	*1.8481*	*100*
8062	*General medical & surgical hospitals*	*2*	*2*	*55.9*	*.0387*	*100*
Macoupin	**All mfg.**	**16**	**3**	**73.4**	**.0038**	**35**
Madison	**All mfg.**	**104**	**38**	**4,812.4**	**.2472**	**96**
3221	Glass containers	1	1	209.0	4.2482	100
3312	Blast furnaces & steel mills	3	2	907.2	2.4102	100
3325	Steel foundries n.e.c.	1	1	64.0	2.2566	100
3351	Copper rolling & drawing	1	1	457.0	9.8762	100
3482	Small-arms ammunition	1	1	178.2	21.7928	100
8062	*General medical & surgical hospitals*	*7*	*7*	*182.4*	*.1262*	*100*
Marion	**All mfg.**	**39**	**14**	**429.0**	**.0220**	**75**
3079	Miscellaneous plastics products	5	3	87.7	.2934	93
8062	*General medical & surgical hospitals*	*3*	*3*	*66.9*	*.0463*	*100*
Marshall	**All mfg.**	**9**	**2**	**88.7**	**.0046**	**79**
Mason	**All mfg.**	**12**	**1**	**62.8**	**.0032**	**20**
Massac	**All mfg.**	**6**	**3**	**58.5**	**.0030**	**88**
Menard	**All mfg.**	**4**	**1**	**11.6**	**.0006**	**40**
Mercer	**All mfg.**	**3**		**9.1**	**.0005**	**0**
Monroe	**All mfg.**	**3**		**14.5**	**.0007**	**0**
Montgomery	**All mfg.**	**22**	**8**	**163.0**	**.0084**	**74**
Morgan	**All mfg.**	**17**	**8**	**364.8**	**.0187**	**89**
Moultrie	**All mfg.**	**13**	**3**	**76.5**	**.0039**	**57**
Ogle	**All mfg.**	**43**	**19**	**673.6**	**.0346**	**88**
2033	Canned fruits & vegetables	3	2	86.1	.9408	96
2283	Wool-yarn mills	1	1	23.0	6.4120	100
Peoria	**All mfg.**	**136**	**27**	**2,607.8**	**.1339**	**87**
2085	Distilled liquor, except brandy	1	1	216.5	5.1556	100
3312	Blast furnaces & steel mills	1	1	266.0	.7067	100
3321	Gray-iron foundries	1	1	200.3	2.5654	100
3519	Internal-combustion engines n.e.c.	1	1	929.3	10.3423	100
3531	Construction machinery	4	2	172.9	1.4347	98
4931	*Electric & other services combined*	*2*	*1*	*299.8*	*.8950*	*94*
8062	*General medical & surgical hospitals*	*4*	*4*	*246.7*	*.1707*	*100*
Perry	**All mfg.**	**10**	**5**	**156.1**	**.0080**	**88**
1211	*Bituminous-coal & lignite mining*	*3*	*3*	*235.2*	*1.2800*	*100*
Piatt	**All mfg.**	**6**	**1**	**45.3**	**.0023**	**47**
Pike	**All mfg.**	**12**	**1**	**62.3**	**.0032**	**18**
Pulaski	**All mfg.**	**5**		**21.3**	**.0011**	**0**
Putnam	**All mfg.**	**6**	**3**	**80.3**	**.0041**	**87**
Randolph	**All mfg.**	**9**	**3**	**194.8**	**.0100**	**86**
2732	Book printing	1	1	130.9	4.6267	100
Richland	**All mfg.**	**10**	**2**	**266.1**	**.0137**	**85**
3751	Motorcycles, bicycles, & parts	2	1	212.9	16.6108	97
Rock Island	**All mfg.**	**103**	**35**	**1,934.7**	**.0994**	**90**
3321	Gray-iron foundries	2	2	81.4	1.0425	100
3523	Farm machinery & equipment	4	4	997.7	10.5976	100
4912	*Nuclear power*	*2*	*2*	*330.8*	*2.4293*	*100*
8062	*General medical & surgical hospitals*	*4*	*4*	*133.7*	*.0925*	*100*
St. Clair	**All mfg.**	**98**	**25**	**1,245.7**	**.0640**	**75**
2865	Cyclic crudes & intermediates	1	1	338.0	4.4196	100
3351	Copper rolling & drawing	1	1	163.2	3.5269	100
4011	*Line-haul-operating railroads*	*3*	*2*	*118.1*	*.8291*	*98*
8062	*General medical & surgical hospitals*	*5*	*5*	*155.6*	*.1077*	*100*
Saline	**All mfg.**	**11**	**2**	**38.0**	**.0020**	**25**
Sangamon	**All mfg.**	**69**	**12**	**597.3**	**.0307**	**70**
4931	*Electric & other services combined*	*2*	*2*	*442.4*	*1.3207*	*100*
8062	*General medical & surgical hospitals*	*4*	*4*	*224.4*	*.1553*	*100*
Schuyler	**All mfg.**	**2**		**13.4**	**.0007**	**0**
Scott	**All mfg.**	**2**		**4.3**	**.0002**	**0**
Shelby	**All mfg.**	**7**	**1**	**42.8**	**.0022**	**63**
Stark	**All mfg.**	**6**		**44.5**	**.0023**	**0**
Stephenson	**All mfg.**	**29**	**12**	**558.5**	**.0287**	**89**
3011	Tires & inner tubes	1	1	192.7	1.8351	100
3643	Current-carrying wiring devices	1	1	115.2	3.9616	100
Tazewell	**All mfg.**	**47**	**10**	**2,016.1**	**.1036**	**95**
3531	Construction machinery	1	1	1,499.0	12.4385	100
Union	**All mfg.**	**10**	**5**	**75.8**	**.0039**	**91**
Vermilion	**All mfg.**	**71**	**29**	**1,638.0**	**.0841**	**92**
3079	Miscellaneous plastics products	4	2	82.5	.2760	92
3537	Industrial trucks & tractors	1	1	70.9	4.3798	100
3612	Transformers	2	2	50.0	1.7984	100

DEFINITIONS **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship. Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments receipts. **% In Large Establishments**: Share of shipments receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U S Ship Recpt	% In Large Estab
3711	Motor vehicles & passenger-car bodies	1	1	690.7	.6803	100
8062	*General medical & surgical hospitals*	*4*	*4*	*133.8*	*.0926*	*100*
Wabash	**All mfg.**	**15**	**7**	**151.7**	**.0078**	**82**
Warren	**All mfg.**	**11**	**3**	**119.0**	**.0061**	**74**
Washington	**All mfg.**	**6**	**1**	**33.0**	**.0017**	**14**
Wayne	**All mfg.**	**8**	**2**	**120.9**	**.0062**	**89**
White	**All mfg.**	**6**	**1**	**29.2**	**.0015**	**47**
Whiteside	**All mfg.**	**40**	**15**	**834.6**	**.0429**	**88**
3312	Blast furnaces & steel mills	2	1	472.1	1.2543	99
3429	Hardware n.e.c.	4	3	65.8	1.1770	95
3822	Environmental controls	1	1	75.3	4.7852	100
Will	**All mfg.**	**170**	**51**	**1,889.5**	**.0971**	**81**
3531	Construction machinery	1	1	246.9	2.0487	100
3931	Musical instruments & parts	1	1	42.4	3.9726	100
8062	*General medical & surgical hospitals*	*2*	*2*	*50.0*	*.0346*	*100*
Williamson	**All mfg.**	**37**	**8**	**426.4**	**.0219**	**79**
1211	*Bituminous-coal & lignite mining*	*6*	*6*	*140.6*	*.7652*	*100*
3633	Household laundry equipment	1	1	158.0	6.1226	100
Winnebago	**All mfg.**	**353**	**91**	**3,089.4**	**.1587**	**78**
3429	Hardware n.e.c.	3	2	212.8	3.8065	99
3452	Bolts, nuts, rivets, & washers	11	5	247.1	5.9647	93
3541	Metal-cutting machine tools	14	8	220.5	5.9514	94
3545	Machine-tool accessories	7	4	58.1	2.3801	95
3552	Textile machinery	1	1	73.5	6.9274	100
3599	Machinery, except electrical, n.e.c.	31	1	66.8	.7514	12
3714	Motor-vehicle parts & accessories	5	5	439.1	1.0332	100
3728	Aircraft equipment n.e.c.	3	1	84.4	.8922	89
8062	*General medical & surgical hospitals*	*4*	*4*	*157.7*	*.1091*	*100*
Woodford	**All mfg.**	**20**	**3**	**115.4**	**.0059**	**24**
STATE TOTAL	**All mfg.**	**10,081**	**2,838**	**120,555.8**	**6.1923**	**81**

INDIANA

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U S Ship Recpt	% In Large Estab
Adams	**All mfg.**	**34**	**13**	**501.6**	**.0258**	**85**
3676	Electronic resistors	1	1	102.4	11.1401	100
Allen	**All mfg.**	**221**	**63**	**3,673.9**	**.1887**	**84**
2051	Bread, cake, & related products	3	3	84.1	.6728	100
3011	Tires & inner tubes	1	1	256.8	2.4456	100
3079	Miscellaneous plastics products	15	5	100.5	.3362	63
3357	Nonferrous-wire drawing & insulating	3	2	183.8	2.1407	98
3599	Machinery, except electrical, n.e.c.	9	1	148.2	1.6671	90
3612	Transformers	1	1	66.7	2.3991	100
3621	Motors & generators	4	3	383.9	6.2679	100
3662	Radio & TV communication equipment	2	2	386.0	1.1814	100
3713	Truck & bus bodies	3	1	107.3	4.3198	97
3714	Motor-vehicle parts & accessories	3	1	190.0	.4471	96
6025	*National banks, federal reserve system*	*3*	*3*	*225.1*	*.2103*	*100*
8062	*General medical & surgical hospitals*	*4*	*4*	*279.6*	*.1935*	*100*
Bartholomew	**All mfg.**	**50**	**15**	**2,031.9**	**.1044**	**96**
2514	Metal household furniture	1	1	68.4	3.8886	100
3321	Gray-iron foundries	2	1	112.7	1.4434	97
3519	Internal-combustion engines n.e.c.	2	2	1,333.9	14.8452	100
3714	Motor-vehicle parts & accessories	1	1	216.6	.5097	100
Benton	**All mfg.**	**9**		**30.3**	**.0016**	**0**
Blackford	**All mfg.**	**22**	**9**	**216.4**	**.0111**	**82**
2649	Converted paper products n.e.c.	[illegible]	1	70.3	2.6089	100
Boone	**All mfg.**	**17**	**5**	**107.5**	**.0055**	**64**
Brown	**All mfg.**	**3**		**3.5**	**.0002**	**0**
Carroll	**All mfg.**	**15**	**6**	**108.8**	**.0056**	**71**
Cass	**All mfg.**	**35**	**16**	**513.8**	**.0264**	**71**
3679	Electronic components n.e.c.	1	1	58.8	.4755	100
8062	*General medical & surgical hospitals*	*2*	*2*	*52.9*	*.0366*	*100*
Clark	**All mfg.**	**49**	**17**	**697.5**	**.0358**	**86**
3483	Ammunition, except small-arms, n.e.c.	2	1	80.5	6.3823	98
Clay	**All mfg.**	**10**	**1**	**49.6**	**.0025**	**41**
Clinton	**All mfg.**	**27**	**10**	**429.1**	**.0220**	**59**
Crawford	**All mfg.**	**4**		**6.1**	**.0003**	**0**
Daviess	**All mfg.**	**18**	**3**	**154.8**	**.0080**	**22**
Dearborn	**All mfg.**	**17**	**6**	**704.4**	**.0362**	**96**
2085	Distilled liquor, except brandy	2	2	590.4	14.0595	100
Decatur	**All mfg.**	**13**	**6**	**153.1**	**.0079**	**78**
De Kalb	**All mfg.**	**39**	**18**	**649.3**	**.0334**	**90**
Delaware	**All mfg.**	**89**	**22**	**1,054.0**	**.0541**	**81**
3612	Transformers	1	1	47.6	1.7121	100
3714	Motor-vehicle parts & accessories	4	2	418.3	9842	97
8062	*General medical & surgical hospitals*	*1*	*1*	*59.7*	*.0413*	*100*
Dubois	**All mfg.**	**64**	**25**	**540.7**	**.0278**	**79**
2434	Wood kitchen cabinets	5	3	85.6	4.3298	93
2511	Wood household furniture	8	4	65.2	1.1008	84
2517	Wood TV & radio cabinets	1	1	40.1	11.7872	100
2521	Wood office furniture	9	6	87.8	6.9358	83
Elkhart	**All mfg.**	**351**	**106**	**2,677.5**	**.1375**	**69**
2451	Mobile homes	26	11	342.4	6.7860	74
3069	Fabricated rubber products n.e.c.	8	5	80.3	1.4081	89
3494	Valves & pipe fittings	2	1	100.7	1.1594	94

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
		Total	Large			
3676	Electronic resistors	1	1	58.4	6.3534	100
3732	Boat building & repairing	6	3	59.1	3.0309	90
3792	Travel trailers & campers	39	15	229.0	21.0343	74
3822	Environmental controls	1	1	37.7	2.3958	100
3931	Musical instruments & parts	9	3	75.4	7.0646	86
8062	*General medical & surgical hospitals*	*2*	*2*	*55.2*	*.0382*	*100*
Fayette	**All mfg.**	**19**	**10**	**812.4**	**.0417**	**98**
3585	Refrigeration & heating equipment	1	1	183.3	1.4732	100
3639	Household appliances n.e.c.	1	1	152.8	9.2825	100
3714	Motor-vehicle parts & accessories	[illegible]	3	373.4	.8786	100
Floyd	**All mfg.**	**46**	**16**	**344.7**	**.0177**	**66**
Fountain	**All mfg.**	**10**	**6**	**181.0**	**.0093**	**94**
3325	Steel foundries n.e.c.	1	1	58.4	2.0592	100
Franklin	**All mfg.**	**4**	**2**	**65.4**	**.0034**	**84**
Fulton	**All mfg.**	**26**	**8**	**166.0**	**.0085**	**59**
Gibson	**All mfg.**	**20**	**5**	**902.9**	**.0464**	**91**
2011	Meat-packing plants	1	1	552.0	1.2501	100
3613	Switchgear & switchboard apparatus	1	1	226.4	5.1290	100
Grant	**All mfg.**	**54**	**19**	**1,586.1**	**.0815**	**91**
3221	Glass containers	3	3	154.9	3.1486	100
3357	Nonferrous-wire drawing & insulating	2	2	172	2.0067	100
3465	Automotive stampings	1	1	340.1	3.9685	100
3662	Radio & TV communication equipment	2	2	473.7	1.4498	100
3714	Motor-vehicle parts & accessories	2	2	142.5	.3353	100
8062	*General medical & surgical hospitals*	*2*	*2*	*98.9*	*.0684*	*100*
Greene	**All mfg.**	**10**	**4**	**84.3**	**.0043**	**82**
Hamilton	**All mfg.**	**39**	**12**	**304.8**	**.0157**	**54**
3493	Steel springs, except wire	1	1	38.7	8.9129	100
Hancock	**All mfg.**	**13**	**3**	**184.6**	**.0095**	**80**
Harrison	**All mfg.**	**11**	**4**	**65.0**	**.0033**	**66**
Hendricks	**All mfg.**	**9**	**1**	**30.5**	**.0016**	**32**
4911	*Electric services*	*2*	*1*	*298.4*	*.4922*	*99*
Henry	**All mfg.**	**28**	**8**	**252.3**	**.0130**	**73**
8062	*General medical & surgical hospitals*	*2*	*2*	*80.0*	*.0554*	*100*
Howard	**All mfg.**	**44**	**16**	**1,679.4**	**.0863**	**95**
3369	Nonferrous foundries n.e.c.	1	1	58.8	6.4066	100
3651	Radio & TV receiving sets	1	1	809.3	11.8950	100
3714	Motor-vehicle parts & accessories	2	2	563.0	1.3247	100
8062	*General medical & surgical hospitals*	*2*	*2*	*51.9*	*.0359*	*100*
Huntington	**All mfg.**	**48**	**19**	**511.7**	**.0263**	**79**
3677	Electronic coils & transformers	3	3	57.0	6.3966	100
3679	Electronic components n.e.c.	1	1	85.8	.6939	100
Jackson	**All mfg.**	**42**	**17**	**387.1**	**.0199**	**73**
3079	Miscellaneous plastics products	3	3	90.4	.3024	100
Jasper	**All mfg.**	**11**	**5**	**168.9**	**.0087**	**63**
Jay	**All mfg.**	**16**	**5**	**246.0**	**.0126**	**82**
3221	Glass containers	1	1	92.8	1.8863	100
Jefferson	**All mfg.**	**19**	**9**	**191.3**	**.0098**	**80**
Jennings	**All mfg.**	**16**	**4**	**138.9**	**.0071**	**79**
8062	*General medical & surgical hospitals*	*2*	*2*	*56.0*	*.0388*	*100*
Johnson	**All mfg.**	**24**	**10**	**343.3**	**.0176**	**87**
3714	Motor-vehicle parts & accessories	2	2	153.9	.3621	100
Knox	**All mfg.**	**20**	**8**	**250.9**	**.0129**	**70**
Kosciusko	**All mfg.**	**82**	**25**	**942.4**	**.0484**	**81**
3841	Surgical & medical instruments	1	1	97.0	3.1968	100
La Grange	**All mfg.**	**34**	**8**	**294.0**	**.0151**	**67**
3792	Travel trailers & campers	3	2	81.2	7.4584	96
Lake	**All mfg.**	**207**	**67**	**8,966.8**	**.4606**	**91**
2841	Soap & other detergents	1	1	255.1	2.8387	100
2911	Petroleum refining	4	1	2,301.1	1.2686	87
3241	Hydraulic cement	1	1	125.4	3.3624	100
3312	Blast furnaces & steel mills	4	2	3,334.9	8.8600	100
3316	Cold-rolled steel sheet, strip, & bars	7	5	688.8	31.3961	99
3317	Steel pipe & tubes	4	3	81.4	2.4814	94
3325	Steel foundries n.e.c.	3	3	82.8	2.9195	100
3341	Secondary nonferrous metals	3	1	336.3	7.7842	96
3441	Fabricated structural metal	11	1	96.3	1.1725	65
3443	Fabricated plate work (boiler shops)	6	2	72.8	.7627	84
3714	Motor-vehicle parts & accessories	1	1	114.0	.2682	100
3743	Railroad equipment	4	4	85.6	2.9046	100
6025	*National banks, federal reserve system*	*7*	*5*	*196.0*	*.1831*	*94*
8062	*General medical & surgical hospitals*	*6*	*6*	*324.9*	*.2248*	*100*
La Porte	**All mfg.**	**103**	**36**	**1,139.6**	**.0585**	**78**
3523	Farm machinery & equipment	1	1	111.2	1.1812	100
3563	Air & gas compressors	2	2	99.6	3.7940	100
8062	*General medical & surgical hospitals*	*5*	*5*	*170.0*	*.1176*	*100*
Lawrence	**All mfg.**	**28**	**9**	**560.0**	**.0288**	**91**
3714	Motor-vehicle parts & accessories	3	3	390.3	.9184	100
Madison	**All mfg.**	**67**	**22**	**2,053.1**	**.1055**	**94**
3647	Vehicular lighting equipment	1	1	411.8	40.0000	100
3691	Storage batteries	1	1	375.3	13.2451	100
3694	Engine electrical equipment	1	1	657.0	14.8010	100
8062	*General medical & surgical hospitals*	*3*	*3*	*71.1*	*.0492*	*100*
Marion	**All mfg.**	**605**	**176**	**10,487.7**	**.5387**	**86**
1611	*Highway & street construction*	*10*	*5*	*107.2*	*.6730*	*88*
2051	Bread, cake, & related products	8	6	113.1	.9048	97
2086	Bottled & canned soft drinks	4	4	144.1	.8407	100
2499	Wood products n.e.c.	3	1	82.4	2.4308	95
2711	Newspapers	4	1	113.1	.5302	94
2752	Lithographic commercial printing	13	3	129.3	.8754	60
2834	Pharmaceutical preparations	3	3	683.2	3.8057	100
3432	Plumbing fittings & brass goods	1	1	91.1	6.6101	100
3444	Sheet-metal work	14	3	52.6	.9161	45
3519	Internal-combustion engines n.e.c.	2	2	524.8	5.8406	100
3531	Construction machinery	4	2	89.9	.7460	92
3544	Special dies, tools, jigs, & fixtures	21	2	32.3	1.0851	22
3562	Ball & roller bearings	1	1	60.5	1.8558	100
3564	Blowers & exhaust & ventilation fans	5	5	99.5	6.2555	100
3568	Power-transmission equipment n.e.c.	4	2	111.4	6.0858	96
3585	Refrigeration & heating equipment	6	3	200.1	1.6082	95
3651	Radio & TV receiving sets	5	3	357.6	5.2560	98
3652	Phonograph records & pre-recorded tape	2	1	91.5	5.8786	93
3661	Telephone & telegraph apparatus	1	1	412.3	2.5776	100
3662	Radio & TV communication equipment	5	3	165.5	.5065	94
3694	Engine electrical equipment	2	1	180.9	4.0753	99
3713	Truck & bus bodies	3	1	109.6	4.4124	98
3714	Motor-vehicle parts & accessories	8	4	403.9	.9504	93
3724	Aircraft engines & engine parts	2	1	2,022.4	13.3226	100
3825	Electricity-measuring instruments	4	3	78.9	1.4055	96
4911	*Electric services*	*1*	*1*	*234.3*	*.3864*	*100*
5065	*Electronic-parts wholesalers*	*10*	*3*	*457.8*	*2.5556*	*79*
5081	*Commercial-equipment wholesalers*	*20*	*2*	*167.3*	*1.3404*	*28*
5084	*Industrial-machinery distributors*	*36*	*1*	*318.7*	*.8419*	*12*
5085	*Industrial-supply distributors*	*39*	*2*	*371.0*	*1.1073*	*20*
6025	*National banks, federal reserve system*	*4*	*3*	*701.8*	*.6557*	*100*
7011	*Hotels, motels, & tourist courts*	*29*	*2*	*61.5*	*.3527*	*27*
8062	*General medical & surgical hospitals*	*12*	*11*	*837.5*	*.5795*	*100*
8221	*Colleges & universities n.e.c.*	*5*	*3*	*63.3*	*.3077*	*94*
Marshall	**All mfg.**	**67**	**13**	**422.7**	**.0217**	**54**
Martin	**All mfg.**	**3**	**2**	**54.2**	**.0028**	**84**
Miami	**All mfg.**	**30**	**14**	**275.4**	**.0141**	**75**
Monroe	**All mfg.**	**33**	**12**	**865.2**	**.0444**	**90**
3632	Household refrigerators & freezers	1	1	227.4	7.3688	100
3651	Radio & TV receiving sets	1	1	325.6	4.7856	100
3662	Radio & TV communication equipment	2	1	111.1	.3400	95
8221	*Colleges & universities n.e.c.*	*1*	*1*	*128.4*	*.6242*	*100*
Montgomery	**All mfg.**	**27**	**13**	**403.9**	**.0207**	**86**
2732	Book printing	1	1	218.2	7.7124	100
Morgan	**All mfg.**	**13**	**5**	**79.0**	**.0041**	**74**
Newton	**All mfg.**	**10**	**5**	**69.7**	**.0036**	**61**
Noble	**All mfg.**	**48**	**18**	**465.3**	**.0239**	**73**
Orange	**All mfg.**	**10**	**6**	**113.8**	**.0058**	**89**
Owen	**All mfg.**	**5**	**1**	**22.2**	**.0011**	**62**
Parke	**All mfg.**	**7**	**1**	**35.6**	**.0018**	**19**
Perry	**All mfg.**	**15**	**7**	**243.3**	**.0125**	**61**
Pike	**All mfg.**	**1**		**4.7**	**.0002**	**0**
Porter	**All mfg.**	**43**	**15**	**1,233.0**	**.0633**	**93**
3312	Blast furnaces & steel mills	1	1	864.4	2.2965	100
3316	Cold-rolled steel sheet, strip, & bars	1	1	74.7	3.4049	100
Posey	**All mfg.**	**11**	**4**	**590.3**	**.0303**	**90**
Pulaski	**All mfg.**	**9**	**1**	**43.8**	**.0022**	**24**
Putnam	**All mfg.**	**9**	**5**	**166.5**	**.0086**	**97**
Randolph	**All mfg.**	**25**	**9**	**259.3**	**.0133**	**85**
3221	Glass containers	1	1	85.1	1.7298	100
3369	Nonferrous foundries n.e.c.	1	1	29.4	3.2033	100
Ripley	**All mfg.**	**15**	**7**	**146.6**	**.0075**	**79**
3995	Burial caskets	1	1	44.2	9.1228	100
Rush	**All mfg.**	**13**	**3**	**97.1**	**.0050**	**60**
St. Joseph	**All mfg.**	**245**	**57**	**2,384.1**	**.1225**	**73**
3069	Fabricated rubber products n.e.c.	4	1	75.0	1.3151	93
3079	Miscellaneous plastics products	23	7	127.1	.4252	62
3711	Motor vehicles & passenger-car bodies	1	1	314.0	.3093	100
3714	Motor-vehicle parts & accessories	4	3	479.2	1.1275	98
3728	Aircraft equipment n.e.c.	2	2	92.6	.9789	100
8062	*General medical & surgical hospitals*	*6*	*6*	*129.9*	*.0899*	*100*
Scott	**All mfg.**	**9**	**3**	**85.4**	**.0044**	**78**
Shelby	**All mfg.**	**36**	**11**	**425.0**	**.0218**	**55**
Spencer	**All mfg.**	**11**	**6**	**112.3**	**.0058**	**80**
Starke	**All mfg.**	**8**	**1**	**35.1**	**.0018**	**37**
Steuben	**All mfg.**	**32**	**5**	**247.9**	**.0127**	**58**
Sullivan	**All mfg.**	**6**	**1**	**31.0**	**.0016**	**40**
Switzerland	**All mfg.**	**4**	**2**	**26.1**	**.0013**	**80**
Tippecanoe	**All mfg.**	**67**	**29**	**1,329.3**	**.0683**	**83**
2834	Pharmaceutical preparations	1	1	125.6	.6996	100
3354	Aluminum extruded products	1	1	178.4	6.2804	100
3566	Speed changers, drives, & gears	2	2	69.7	4.8660	100
8062	*General medical & surgical hospitals*	*3*	*2*	*94.1*	*.0651*	*95*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*71.6*	*.3481*	*100*
Tipton	**All mfg.**	**10**	**2**	**100.0**	**.0051**	**69**
Union	**All mfg.**	**2**	**1**	**11.3**	**.0006**	**66**
Vanderburgh	**All mfg.**	**142**	**48**	**2,709.2**	**.1392**	**87**
2023	Condensed & evaporated milk	2	1	448.6	9.4866	97

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab
		Total	Large			
INDIANA (Vanderburgh, cont.)						
2834	Pharmaceutical preparations	1	1	256.1	1.4266	100
3079	Miscellaneous plastics products	14	6	158.7	.5309	84
3441	Fabricated structural metal	5	3	63.2	.7695	83
3632	Household refrigerators & freezers	1	1	614.1	19.8995	100
8062	*General medical & surgical hospitals*	*4*	*4*	*211.3*	*.1462*	*100*
Vermillion	**All mfg.**	**9**	**4**	**159.2**	**.0082**	**91**
Vigo	**All mfg.**	**64**	**29**	**1,288.8**	**.0662**	**88**
3353	Aluminum sheet, plate, & foil	1	1	287.1	3.3389	100
3652	Phonograph records & pre-recorded tape	1	1	148.9	9.5663	100
8062	*General medical & surgical hospitals*	*3*	*3*	*75.1*	*.0520*	*100*
Wabash	**All mfg.**	**36**	**19**	**550.3**	**.0283**	**79**
3069	Fabricated rubber products n.e.c.	1	1	84.8	1.4870	100
Warren	**All mfg.**	**2**		**2.8**	**.0001**	**0**
Warrick	**All mfg.**	**17**	**2**	**682.7**	**.0351**	**93**
1211	*Bituminous-coal & lignite mining*	*6*	*5*	*196.0*	*1.0667*	*96*
3334	Primary aluminum	1	1	629.0	9.8189	100
Washington	**All mfg.**	**19**	**7**	**133.7**	**.0069**	**70**
Wayne	**All mfg.**	**72**	**26**	**962.2**	**.0494**	**87**
3357	Nonferrous-wire drawing & insulating	1	1	251.3	2.9268	100
8062	*General medical & surgical hospitals*	*2*	*2*	*67.5*	*.0467*	*100*
Wells	**All mfg.**	**17**	**4**	**167.5**	**.0086**	**71**
3621	Motors & generators	1	1	73.9	1.2066	100
White	**All mfg.**	**16**	**6**	**120.6**	**.0062**	**79**
Whitley	**All mfg.**	**26**	**6**	**199.4**	**.0102**	**74**
STATE TOTAL	**All mfg.**	**3,986**	**1,285**	**65,000.4**	**3.3387**	**84**
IOWA						
Adair	**All mfg.**	**2**	**1**	**8.3**	**.0004**	**66**
Adams	**All mfg.**	**2**		**5.3**	**.0003**	**0**
Allamakee	**All mfg.**	**8**	**5**	**95.0**	**.0049**	**58**
Appanoose	**All mfg.**	**9**	**2**	**68.0**	**.0035**	**77**
Audubon	**All mfg.**	**4**		**14.7**	**.0008**	**0**
Benton	**All mfg.**	**11**		**72.5**	**.0037**	**0**
Black Hawk	**All mfg.**	**74**	**20**	**1,708.2**	**.0877**	**87**
2011	Meat-packing plants	1	1	473.1	1.0714	100
3489	Ordnance & accessories n.e.c.	1	1	114.8	7.7140	100
3519	Internal-combustion engines n.e.c.	1	1	222.9	2.4807	100
3523	Farm machinery & equipment	6	5	540.3	5.7391	100
8062	*General medical & surgical hospitals*	*4*	*4*	*99.4*	*.0688*	*100*
Boone	**All mfg.**	**18**	**3**	**77.2**	**.0040**	**39**
Bremer	**All mfg.**	**14**	**2**	**105.7**	**.0054**	**79**
Buchanan	**All mfg.**	**11**	**1**	**66.5**	**.0034**	**35**
Buena Vista	**All mfg.**	**9**	**2**	**54.2**	**.0028**	**54**
Butler	**All mfg.**	**2**		**8.3**	**.0004**	**0**
Calhoun	**All mfg.**	**7**		**22.3**	**.0011**	**0**
Carroll	**All mfg.**	**16**	**2**	**162.2**	**.0083**	**50**
Cass	**All mfg.**	**18**	**3**	**85.1**	**.0044**	**45**
Cedar	**All mfg.**	**10**		**42.2**	**.0022**	**0**
Cerro Gordo	**All mfg.**	**45**	**11**	**448.3**	**.0230**	**63**
Cherokee	**All mfg.**	**12**	**2**	**206.3**	**.0106**	**84**
Chickasaw	**All mfg.**	**8**	**2**	**147.4**	**.0076**	**71**
Clarke	**All mfg.**	**8**	**1**	**43.4**	**.0022**	**54**
Clay	**All mfg.**	**20**	**3**	**142.9**	**.0073**	**61**
Clayton	**All mfg.**	**18**	**2**	**97.2**	**.0050**	**28**
Clinton	**All mfg.**	**42**	**22**	**1,121.9**	**.0576**	**93**
2046	Wet corn milling	1	1	439.2	11.1818	100
3079	Miscellaneous plastics products	4	4	170.1	.5690	100
Crawford	**All mfg.**	**9**	**3**	**310.5**	**.0159**	**88**
Dallas	**All mfg.**	**15**	**1**	**261.2**	**.0134**	**85**
8062	*General medical & surgical hospitals*	*2*	*1*	*55.8*	*.0386*	*92*
Davis	**All mfg.**	**5**		**14.6**	**.0007**	**0**
Decatur	**All mfg.**	**4**	**1**	**11.1**	**.0006**	**44**
Delaware	**All mfg.**	**12**	**2**	**92.5**	**.0048**	**26**
Des Moines	**All mfg.**	**44**	**18**	**481.1**	**.0247**	**78**
3537	Industrial trucks & tractors	1	1	39.0	2.4092	100
Dickinson	**All mfg.**	**9**	**2**	**79.5**	**.0041**	**62**
Dubuque	**All mfg.**	**66**	**18**	**1,717.8**	**.0882**	**91**
2011	Meat-packing plants	2	1	654.5	1.4823	96
3531	Construction machinery	1	1	705.4	5.8533	100
8062	*General medical & surgical hospitals*	*3*	*3*	*75.3*	*.0521*	*100*
Emmet	**All mfg.**	**9**	**3**	**167.0**	**.0086**	**92**
Fayette	**All mfg.**	**18**	**1**	**106.5**	**.0055**	**12**
Floyd	**All mfg.**	**5**	**2**	**188.8**	**.0097**	**95**
3523	Farm machinery & equipment	1	1	148.3	1.5752	100
Franklin	**All mfg.**	**9**	**2**	**50.2**	**.0026**	**60**
Fremont	**All mfg.**	**3**		**16.1**	**.0008**	**0**
Greene	**All mfg.**	**9**	**2**	**31.4**	**.0016**	**48**
Grundy	**All mfg.**	**10**	**1**	**51.3**	**.0026**	**13**
Guthrie	**All mfg.**	**1**		**3.0**	**.0002**	**0**
Hamilton	**All mfg.**	**16**	**2**	**179.2**	**.0092**	**56**
Hancock	**All mfg.**	**9**	**2**	**88.4**	**.0045**	**71**
Hardin	**All mfg.**	**27**	**2**	**234.8**	**.0121**	**44**
Harrison	**All mfg.**	**4**		**8.8**	**.0005**	**0**
Henry	**All mfg.**	**13**	**5**	**115.1**	**.0059**	**82**
Howard	**All mfg.**	**7**	**1**	**42.5**	**.0022**	**33**
Humboldt	**All mfg.**	**12**		**39.1**	**.0020**	**0**
Ida	**All mfg.**	**6**		**15.4**	**.0008**	**0**
Iowa	**All mfg.**	**19**	**4**	**219.5**	**.0113**	**79**
Jackson	**All mfg.**	**14**	**1**	**110.8**	**.0057**	**37**
Jasper	**All mfg.**	**19**	**4**	**695.4**	**.0357**	**92**
3633	Household laundry equipment	1	1	572.5	22.1848	100
Jefferson	**All mfg.**	**15**	**9**	**98.9**	**.0051**	**81**
Johnson	**All mfg.**	**22**	**8**	**301.0**	**.0155**	**82**
8062	*General medical & surgical hospitals*	*3*	*3*	*227.9*	*.1577*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*54.3*	*.2640*	*100*
Jones	**All mfg.**	**11**	**2**	**53.4**	**.0027**	**41**
Keokuk	**All mfg.**	**2**		**7.2**	**.0004**	**0**
Kossuth	**All mfg.**	**13**	**6**	**140.2**	**.0072**	**59**
Lee	**All mfg.**	**38**	**17**	**730.7**	**.0375**	**87**
3069	Fabricated rubber products n.e.c.	1	1	74.9	1.2134	100
3951	Pens & mechanical pencils	1	1	70.5	6.5919	100
Linn	**All mfg.**	**98**	**35**	**2,746.2**	**.1411**	**85**
2011	Meat-packing plants	1	1	788.7	1.7862	100
2043	Cereal breakfast foods	2	2	320.0	7.8068	100
3531	Construction machinery	4	3	264.6	2.1956	99
3613	Switchgear & switchboard apparatus	1	1	60.3	1.3661	100
3662	Radio & TV communication equipment	2	1	321.0	.9825	99
8062	*General medical & surgical hospitals*	*2*	*2*	*116.8*	*.0808*	*100*
Louisa	**All mfg.**	**5**	**1**	**97.5**	**.0050**	**81**
Lucas	**All mfg.**	**4**	**1**	**22.9**	**.0012**	**38**
Lyon	**All mfg.**	**3**	**1**	**20.8**	**.0011**	**36**
Madison	**All mfg.**	**1**		**4.8**	**.0002**	**0**
Mahaska	**All mfg.**	**20**	**2**	**125.6**	**.0065**	**26**
Marion	**All mfg.**	**11**	**4**	**209.0**	**.0107**	**86**
2431	Millwork	1	1	58.1	1.1724	100
8062	*General medical & surgical hospitals*	*3*	*2*	*59.7*	*.0413*	*93*
Marshall	**All mfg.**	**31**	**10**	**443.7**	**.0228**	**84**
3494	Valves & pipe fittings	2	1	120.5	1.3874	98
Mills	**All mfg.**	**3**	**3**	**240.9**	**.0124**	**100**
8062	*General medical & surgical hospitals*	*1*	*1*	*51.5*	*.0356*	*100*
Mitchell	**All mfg.**	**6**		**23.6**	**.0012**	**0**
Monona	**All mfg.**	**2**		**4.9**	**.0003**	**0**
Monroe	**All mfg.**	**6**	**2**	**41.8**	**.0021**	**82**
Montgomery	**All mfg.**	**12**	**4**	**108.9**	**.0056**	**79**
Muscatine	**All mfg.**	**45**	**13**	**1,022.3**	**.0525**	**90**
2522	Metal office furniture	1	1	112.0	3.4304	100
O'Brien	**All mfg.**	**7**	**2**	**275.7**	**.0142**	**85**
Osceola	**All mfg.**	**5**	**1**	**46.4**	**.0024**	**46**
Page	**All mfg.**	**17**	**5**	**138.0**	**.0071**	**66**
Palo Alto	**All mfg.**	**8**	**1**	**27.9**	**.0014**	**27**
Plymouth	**All mfg.**	**10**	**1**	**71.0**	**.0036**	**20**
Pocahontas	**All mfg.**	**8**	**2**	**31.3**	**.0016**	**60**
Polk	**All mfg.**	**196**	**47**	**2,534.1**	**.1302**	**72**
1622	*Bridge & tunnel construction*	*6*	*4*	*131.1*	*2.5391*	*97*
2721	Periodicals	5	2	175.2	1.6308	92
3011	Tires & inner tubes	2	2	462.3	4.4026	100
3523	Farm machinery & equipment	4	3	209.2	2.2221	99
3524	Lawn & garden equipment	1	1	47.1	3.3973	100
6025	*National banks, federal reserve system*	*7*	*3*	*176.6*	*.1650*	*93*
7011	*Hotels, motels, & tourist courts*	*21*	*1*	*37.7*	*.2162*	*12*
8062	*General medical & surgical hospitals*	*5*	*5*	*222.4*	*.1539*	*100*
Pottawattamie	**All mfg.**	**39**	**9**	**453.1**	**.0233**	**67**
8062	*General medical & surgical hospitals*	*2*	*2*	*182.4*	*.1262*	*100*
Poweshiek	**All mfg.**	**19**	**3**	**86.7**	**.0045**	**28**
Ringgold	**All mfg.**	**2**		**3.8**	**.0002**	**0**
Sac	**All mfg.**	**8**	**1**	**31.5**	**.0016**	**41**
Scott	**All mfg.**	**112**	**31**	**2,221.4**	**.1141**	**83**
3353	Aluminum sheet, plate, & foil	3	2	671.5	7.8094	96
3531	Construction machinery	4	3	505.6	4.1954	99
4931	*Electric & other services combined*	*2*	*1*	*247.0*	*.7373*	*98*
8062	*General medical & surgical hospitals*	*3*	*3*	*79.8*	*.0552*	*100*
Shelby	**All mfg.**	**9**		**39.1**	**.0020**	**0**
Sioux	**All mfg.**	**34**	**7**	**253.0**	**.0130**	**38**

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

IOWA (cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Story	**All mfg.**	**22**	**5**	**249.5**	**.0128**	**65**
8221	*Colleges & universities n.e.c.*	*1*	*1*	*49.4*	*.2402*	*100*
Tama	**All mfg.**	**6**	**2**	**89.7**	**.0046**	**82**
Taylor	**All mfg.**	**4**	**1**	**20.5**	**.0011**	**24**
Union	**All mfg.**	**8**	**2**	**56.5**	**.0029**	**61**
Van Buren	**All mfg.**	**6**	**1**	**26.8**	**.0014**	**47**
Wapello	**All mfg.**	**20**	**6**	**243.2**	**.0125**	**81**
3523	Farm machinery & equipment	2	2	126.1	1.3394	100
Warren	**All mfg.**	**6**	**1**	**29.9**	**.0015**	**31**
Washington	**All mfg.**	**16**	**4**	**168.1**	**.0086**	**41**
Wayne	**All mfg.**	**6**	**1**	**23.7**	**.0012**	**21**
Webster	**All mfg.**	**36**	**13**	**689.2**	**.0354**	**79**
2011	Meat-packing plants	2	2	378.6	.8574	100
Winnebago	**All mfg.**	**15**	**4**	**248.9**	**.0128**	**87**
2451	Mobile homes	2	1	112.2	2.2237	93
Winneshiek	**All mfg.**	**11**	**1**	**53.3**	**.0027**	**5**
Woodbury	**All mfg.**	**74**	**20**	**767.0**	**.0394**	**61**
1629	*Heavy construction n.e.c.*	*2*	*1*	*127.2*	*.5373*	*99*
8062	*General medical & surgical hospitals*	*3*	*3*	*107.5*	*.0744*	*100*
Worth	**All mfg.**	**2**		**5.3**	**.0003**	**0**
Wright	**All mfg.**	**17**	**1**	**270.4**	**.0139**	**46**
STATE TOTAL	**All mfg.**	**1,813**	**451**	**25,734.0**	**1.3218**	**76**

KANSAS

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Allen	**All mfg.**	**16**	**4**	**144.4**	**.0074**	**64**
Anderson	**All mfg.**	**6**		**20.9**	**.0011**	**0**
Atchison	**All mfg.**	**16**	**2**	**154.6**	**.0079**	**44**
3743	Railroad equipment	1	1	54.4	1.8459	100
Barber	**All mfg.**	**3**	**1**	**22.9**	**.0012**	**62**
Barton	**All mfg.**	**27**	**4**	**159.8**	**.0082**	**51**
Bourbon	**All mfg.**	**15**	**4**	**64.6**	**.0633**	**44**
Brown	**All mfg.**	**8**	**2**	**26.6**	**.0014**	**67**
Butler	**All mfg.**	**21**	**8**	**2,191.3**	**.1126**	**98**
2911	Petroleum refining	3	3	2,073.4	1.1431	100
Chase	**All mfg.**	**1**		**1.4**	**.0001**	**0**
Cherokee	**All mfg.**	**14**	**5**	**120.6**	**.0062**	**81**
Clay	**All mfg.**	**7**	**2**	**63.2**	**.0032**	**70**
Cloud	**All mfg.**	**6**	**1**	**21.8**	**.0011**	**27**
Coffey	**All mfg.**	**2**	**1**	**16.5**	**.0008**	**85**
Comanche	**All mfg.**	**3**		**11.7**	**.0006**	**0**
Cowley	**All mfg.**	**24**	**11**	**820.9**	**.0422**	**95**
8062	*General medical & surgical hospitals*	*3*	*3*	*60.6*	*.0419*	*100*
Crawford	**All mfg.**	**29**	**7**	**267.3**	**.0137**	**49**
Decatur	**All mfg.**	**2**		**4.6**	**.0002**	**0**
Dickinson	**All mfg.**	**13**	**1**	**69.6**	**.0036**	**11**
Doniphan	**All mfg.**	**7**	**3**	**73.2**	**.0038**	**67**
Douglas	**All mfg.**	**38**	**12**	**440.6**	**.0226**	**84**
8221	*Colleges & universities n.e.c.*	*2*	*1*	*51.4*	*.2499*	*96*
Edwards	**All mfg.**	**5**	**1**	**41.3**	**.0021**	**69**
Ellis	**All mfg.**	**11**	**1**	**87.0**	**.0045**	**35**
Ellsworth	**All mfg.**	**5**	**1**	**18.3**	**.0009**	**75**
Finney	**All mfg.**	**16**	**4**	**513.9**	**.0264**	**92**
2011	Meat-packing plants	2	2	446.1	1.0103	100
Ford	**All mfg.**	**26**	**5**	**364.0**	**.0187**	**72**
Franklin	**All mfg.**	**15**	**2**	**69.7**	**.0036**	**43**
Geary	**All mfg.**	**10**	**3**	**59.8**	**.0031**	**65**
8062	*General medical & surgical hospitals*	*2*	*2*	*52.6*	*.0364*	*100*
Gove	**All mfg.**	**2**		**10.0**	**.0005**	**0**
Grant	**All mfg.**	**5**	**1**	**38.8**	**.0020**	**18**
Greeley	**All mfg.**	**1**		**3.9**	**.0002**	**0**
Greenwood	**All mfg.**	**2**		**6.6**	**.0003**	**0**
Harper	**All mfg.**	**5**		**14.4**	**.0007**	**0**
Harvey	**All mfg.**	**31**	**6**	**235.5**	**.0121**	**52**
3523	Farm machinery & equipment	3	1	86.1	.9146	95
Haskell	**All mfg.**	**1**		**12.8**	**.0007**	**0**
Jackson	**All mfg.**	**1**		**3.2**	**.0002**	**0**
Jefferson	**All mfg.**	**3**		**8.6**	**.0004**	**0**
Jewell	**All mfg.**	**1**	**1**	**55.2**	**.0028**	**100**
Johnson	**All mfg.**	**157**	**37**	**1,617.9**	**.0831**	**79**
3662	Radio & TV communication equipment	3	2	166.6	.5099	95
8062	*General medical & surgical hospitals*	*3*	*2*	*54.7*	*.0379*	*92*
Kingman	**All mfg.**	**4**		**15.0**	**.0008**	**0**
Kiowa	**All mfg.**	**1**		**3.2**	**.0002**	**0**
Labette	**All mfg.**	**28**	**8**	**118.7**	**.0061**	**56**
Lane	**All mfg.**	**1**	**1**	**46.0**	**.0024**	**100**
Leavenworth	**All mfg.**	**19**	**4**	**185.7**	**.0095**	**73**
8062	*General medical & surgical hospitals*	*6*	*4*	*91.7*	*.0635*	*93*
Lincoln	**All mfg.**	**3**		**4.5**	**.0002**	**0**
Linn	**All mfg.**	**4**		**7.7**	**.0004**	**0**
Logan	**All mfg.**	**1**		**1.6**	**.0001**	**0**
Lyon	**All mfg.**	**19**	**6**	**913.9**	**.0469**	**86**
2011	Meat-packing plants	2	2	675.1	1.5289	100
McPherson	**All mfg.**	**32**	**8**	**1,556.2**	**.0799**	**88**
8062	*General medical & surgical hospitals*	*3*	*2*	*61.1*	*.0423*	*98*
Marion	**All mfg.**	**10**	**2**	**91.3**	**.0047**	**86**
Marshall	**All mfg.**	**8**	**2**	**32.8**	**.0017**	**66**
Miami	**All mfg.**	**11**	**2**	**59.6**	**.0031**	**76**
Mitchell	**All mfg.**	**8**	**2**	**62.7**	**.0032**	**65**
Montgomery	**All mfg.**	**48**	**15**	**573.1**	**.0294**	**53**
Morris	**All mfg.**	**4**		**11.4**	**.0006**	**0**
Morton	**All mfg.**	**2**		**4.2**	**.0002**	**0**
Nemaha	**All mfg.**	**5**	**2**	**35.3**	**.0018**	**48**
Neosho	**All mfg.**	**28**	**10**	**195.9**	**.0101**	**78**
Ness	**All mfg.**	**1**		**1.4**	**.0001**	**0**
Norton	**All mfg.**	**3**		**6.5**	**.0003**	**0**
Osage	**All mfg.**	**2**	**1**	**24.0**	**.0012**	**73**
Osborne	**All mfg.**	**7**		**44.6**	**.0023**	**0**
Ottawa	**All mfg.**	**2**	**1**	**15.7**	**.0008**	**47**
Pawnee	**All mfg.**	**4**		**14.1**	**.0007**	**0**
Phillips	**All mfg.**	**3**	**1**	**143.5**	**.0074**	**17**
Pottawatomie	**All mfg.**	**6**	**1**	**40.5**	**.0021**	**38**
Pratt	**All mfg.**	**7**		**27.8**	**.0014**	**0**
Rawlins	**All mfg.**	**2**		**8.0**	**.0004**	**0**
Reno	**All mfg.**	**65**	**21**	**627.2**	**.0322**	**78**
3561	Pumps & pumping equipment	1	1	73.7	1.3937	100
Republic	**All mfg.**	**6**		**16.2**	**.0008**	**0**
Rice	**All mfg.**	**5**	**1**	**62.0**	**.0032**	**23**
Riley	**All mfg.**	**12**	**2**	**96.3**	**.0049**	**65**
Rooks	**All mfg.**	**2**	**1**	**13.3**	**.0007**	**79**
Rush	**All mfg.**	**4**		**11.2**	**.0006**	**0**
Russell	**All mfg.**	**7**	**1**	**28.3**	**.0015**	**65**
Saline	**All mfg.**	**43**	**12**	**444.6**	**.0228**	**80**
Scott	**All mfg.**	**4**		**103.7**	**.0053**	**0**
Sedgwick	**All mfg.**	**294**	**62**	**7,194.3**	**.3695**	**90**
1311	*Crude petroleum & natural gas*	*46*		*582.2*	*1.4491*	*0*
1381	*Oil- & gas-well drilling services*	*40*	*1*	*124.3*	*2.2857*	*10*
1629	*Heavy construction n.e.c.*	*6*	*3*	*107.5*	*.4540*	*87*
3079	Miscellaneous plastics products	14	3	71.8	.2402	67
3531	Construction machinery	3	2	100.9	.8373	98
3574	Calculating & accounting machines	1	1	119.3	6.9567	100
3721	Aircraft	5	5	3,114.8	9.7247	100
3728	Aircraft equipment n.e.c.	24	3	105.8	1.1185	43
3761	Guided missiles & space vehicles	1	1	197.7	2.1341	100
3949	Sporting & athletic goods n.e.c.	3	1	87.3	2.9880	98
4911	*Electric services*	*3*	*1*	*242.5*	*.4000*	*94*
6025	*National banks, federal reserve system*	*8*	*3*	*197.4*	*.1844*	*90*
8062	*General medical & surgical hospitals*	*5*	*5*	*332.4*	*.2300*	*100*
Seward	**All mfg.**	**7**	**3**	**253.2**	**.0130**	**97**
Shawnee	**All mfg.**	**82**	**24**	**1,100.1**	**.0565**	**85**
2771	Greeting-card publishing	1	1	108.2	4.8739	100
3011	Tires & inner tubes	1	1	321.0	3.0569	100
7011	*Hotels, motels, & tourist courts*	*11*	*2*	*128.5*	*.7370*	*88*
8062	*General medical & surgical hospitals*	*7*	*6*	*240.9*	*.1667*	*99*
Sherman	**All mfg.**	**4**	**2**	**75.6**	**.0039**	**96**
Smith	**All mfg.**	**3**		**6.8**	**.0003**	**0**
Stafford	**All mfg.**	**2**		**6.6**	**.0003**	**0**
Sumner	**All mfg.**	**18**	**1**	**75.6**	**.0039**	**37**
Thomas	**All mfg.**	**3**		**3.4**	**.0002**	**0**
Trego	**All mfg.**	**2**		**2.8**	**.0001**	**0**
Wabaunsee	**All mfg.**	**2**		**11.3**	**.0006**	**0**
Washington	**All mfg.**	**3**		**19.2**	**.0010**	**0**
Wilson	**All mfg.**	**17**	**6**	**197.1**	**.0101**	**51**
Woodson	**All mfg.**	**1**		**1.6**	**.0001**	**0**
Wyandotte	**All mfg.**	**169**	**41**	**3,446.0**	**.1770**	**83**
2841	Soap & other detergents	2	2	312.6	3.4786	100
3296	Mineral wool	2	2	232.3	9.9533	100
3711	Motor vehicles & passenger-car bodies	1	1	1,412.8	1.3915	100
8062	*General medical & surgical hospitals*	*1*	*1*	*113.7*	*.0787*	*100*
STATE TOTAL	**All mfg.**	**1,583**	**373**	**25,898.7**	**1.3303**	**82**

KENTUCKY

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Adair	**All mfg.**	**12**	**2**	**49.5**	**.0025**	**43**
Allen	**All mfg.**	**10**	**4**	**82.1**	**.0042**	**79**
Anderson	**All mfg.**	**13**	**4**	**129.7**	**.0067**	**53**
Ballard	**All mfg.**	**6**	**1**	**98.5**	**.0051**	**85**
Barren	**All mfg.**	**27**	**10**	**419.9**	**.0216**	**78**
Bell	**All mfg.**	**11**	**1**	**46.0**	**.0024**	**32**
Boone	**All mfg.**	**39**	**19**	**352.6**	**.0181**	**83**
Bourbon	**All mfg.**	**11**	**4**	**72.1**	**.0037**	**66**
Boyd	**All mfg.**	**34**	**11**	**2,921.8**	**.1501**	**97**
2911	Petroleum refining	1	1	2,013.7	1.1102	100
3312	Blast furnaces & steel mills	3	3	685.4	1.8209	100
Boyle	**All mfg.**	**21**	**10**	**279.3**	**.0143**	**88**

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
		Total	Large			
Bracken	**All mfg.**	**2**	**2**	**16.9**	**.0009**	**100**
Breathitt	**All mfg.**	**1**		**2.9**	**.0001**	**0**
Breckinridge	**All mfg.**	**5**	**2**	**19.7**	**.0010**	**75**
Bullitt	**All mfg.**	**6**	**3**	**126.4**	**.0065**	**96**
Butler	**All mfg.**	**5**	**2**	**21.6**	**.0011**	**67**
Caldwell	**All mfg.**	**10**	**4**	**93.1**	**.0048**	**83**
Calloway	**All mfg.**	**9**	**2**	**100.1**	**.0051**	**52**
Campbell	**All mfg.**	**30**	**6**	**217.1**	**.0112**	**60**
Carlisle	**All mfg.**	**2**	**1**	**15.4**	**.0008**	**96**
Carroll	**All mfg.**	**13**	**6**	**185.2**	**.0095**	**81**
Carter	**All mfg.**	**7**	**2**	**39.3**	**.0020**	**38**
Casey	**All mfg.**	**10**	**1**	**52.5**	**.0027**	**62**
Christian	**All mfg.**	**35**	**12**	**298.5**	**.0153**	**60**
8062	*General medical & surgical hospitals*	*3*	*3*	*98.4*	*.0681*	*100*
Clark	**All mfg.**	**17**	**6**	**252.0**	**.0129**	**88**
Clay	**All mfg.**	**2**	**1**	**23.7**	**.0012**	**94**
Clinton	**All mfg.**	**6**	**3**	**50.0**	**.0026**	**73**
Crittenden	**All mfg.**	**5**	**3**	**59.6**	**.0031**	**92**
Cumberland	**All mfg.**	**6**	**3**	**39.9**	**.0020**	**82**
Daviess	**All mfg.**	**53**	**19**	**930.1**	**.0478**	**79**
3671	Electron tubes	1	1	131.1	5.2684	100
Edmonson	**All mfg.**	**1**	**1**	**7.6**	**.0004**	**100**
Estill	**All mfg.**	**3**	**1**	**25.2**	**.0013**	**86**
Fayette	**All mfg.**	**91**	**26**	**1,518.5**	**.0780**	**86**
3579	Office machines n.e.c.	2	2	655.4	13.4665	100
3613	Switchgear & switchboard apparatus	1	1	104.5	2.3674	100
8062	*General medical & surgical hospitals*	*7*	*6*	*286.8*	*.1985*	*99*
8221	*Colleges & universities n.e.c.*	*2*	*1*	*56.0*	*.2723*	*97*
Fleming	**All mfg.**	**3**	**2**	**33.4**	**.0017**	**95**
Floyd	**All mfg.**	**6**	**1**	**52.4**	**.0027**	**9**
1211	*Bituminous-coal & lignite mining*	*11*	[illegible]	*163.9*	*.8920*	*70*
Franklin	**All mfg.**	**18**	**9**	**359.1**	**.0184**	**95**
2085	Distilled liquor, except brandy	2	2	218.9	5.2128	100
Fulton	**All mfg.**	**13**	**4**	**85.1**	**.0044**	**54**
Gallatin	**All mfg.**	**1**		**1.2**	**.0001**	**0**
Garrard	**All mfg.**	**3**	**2**	**31.6**	**.0016**	**92**
[illegible]	**All mfg.**	**5**	**1**	**21.9**	**.0011**	**43**
Graves	**All mfg.**	**15**	**6**	**329.6**	**.0169**	**94**
3011	Tires & inner tubes	1	1	212.0	2.0189	100
Grayson	**All mfg.**	**13**	**5**	**127.4**	**.0065**	**85**
Green	**All mfg.**	**9**	**4**	**146.3**	**.0075**	**15**
Greenup	**All mfg.**	**7**	**4**	**121.3**	**.0062**	**54**
Hancock	**All mfg.**	**7**	**6**	**519.4**	**.0267**	**99**
3353	Aluminum sheet, plate, & foil	1	1	287.1	3.3389	100
Hardin	**All mfg.**	**30**	**10**	**263.3**	**.0135**	**81**
8062	*General medical & surgical hospitals*	*2*	*2*	*86.4*	*.0598*	*100*
Harlan	**All mfg.**	**7**	**1**	**23.4**	**.0012**	**24**
1211	*Bituminous-coal & lignite mining*	*12*	*5*	*188.3*	*1.0248*	*79*
Harrison	**All mfg.**	**11**	**8**	**137.8**	**.0071**	**95**
Hart	**All mfg.**	**6**	**2**	**53.1**	**.0027**	**47**
Henderson	**All mfg.**	**33**	**9**	**369.8**	**.0190**	**78**
Henry	**All mfg.**	**6**	**1**	**27.6**	**.0014**	**34**
Hickman	**All mfg.**	**3**	**1**	**24.4**	**.0013**	**38**
Hopkins	**All mfg.**	**24**	**10**	**243.6**	**.0125**	**82**
1211	*Bituminous-coal & lignite mining*	*10*	*5*	*184.5*	*1.0041*	*85*
Jackson	**All mfg.**	**4**		**7.9**	**.0004**	**0**
Jefferson	**All mfg.**	**457**	**131**	**12,117.1**	**.6224**	**90**
2011	Meat-packing plants	4	2	579.7	1.3129	96
2013	Sausages & other prepared meats	1	1	134.0	1.2603	100
2085	Distilled liquor, except brandy	6	3	395.3	9.4135	93
2086	Bottled & canned soft drinks	5	3	146.7	.8559	87
2111	Cigarettes	2	2	1,507.2	11.5110	100
2653	Corrugated & solid fiber boxes	10	6	110.3	1.0672	82
2711	Newspapers	6	1	106.9	.5012	91
2752	Lithographic commercial printing	15	3	115.1	.7793	47
2822	Synthetic rubber	3	3	455.9	14.7369	100
2851	Paints & allied products	16	6	184.7	2.0688	71
3079	Miscellaneous plastics products	16	3	73.9	.2472	57
3353	Aluminum sheet, plate, & foil	4	3	415.4	4.8310	97
3494	Valves & pipe fittings	2	2	185.9	2.1403	100
3523	Farm machinery & equipment	1	1	74.2	.7882	100
3524	Lawn & garden equipment	3	2	201.2	14.5124	99
3535	Conveyors & conveying equipment	11	3	62.2	3.1009	68
3585	Refrigeration & heating equipment	3	2	1,423.5	11.4406	100
3631	Household cooking equipment	1	1	527.1	18.4236	100
3632	Household refrigerators & freezers	1	1	568.7	18.4284	100
3633	Household laundry equipment	1	1	263.2	10.1992	100
3639	Household appliances n.e.c.	2	1	259.3	15.7524	98
3711	Motor vehicles & passenger-car bodies	2	2	1,277.9	1.2586	100
3713	Truck & bus bodies	1	1	106.8	4.2997	100
4011	*Line-haul-operating railroads*	*2*	*2*	*556.8*	*3.9090*	*100*
4931	*Electric & other services combined*	*2*	*1*	*520.1*	*1.5526*	*98*
6025	*National banks, federal reserve system*	*2*	*2*	*406.6*	*.3799*	*100*
7011	*Hotels, motels, & tourist courts*	*25*	*3*	*64.1*	*.3677*	*42*
8062	*General medical & surgical hospitals*	*16*	*14*	*553.8*	*.3832*	*99*
Jessamine	**All mfg.**	**14**	**3**	**77.9**	**.0040**	**36**
Johnson	**All mfg.**	**2**	**1**	**21.9**	**.0011**	**98**
Kenton	**All mfg.**	**53**	**11**	**270.3**	**.0139**	**57**
8062	*General medical & surgical hospitals*	*3*	*2*	*80.*[illegible]	*.0558*	*98*
Knox	**All mfg.**	**6**	**1**	**41.5**	**.0021**	**50**
Larue	**All mfg.**	**2**	**1**	**10.0**	**.0005**	**90**
Laurel	**All mfg.**	**17**	**5**	**133.3**	**.0068**	**67**
Lawrence	**All mfg.**	**2**		**3.1**	**.0002**	**0**
Lee	**All mfg.**	**1**		**3.0**	**.0002**	**0**
Leslie	**All mfg.**	**3**		**6.0**	**.0003**	**0**
Letcher	**All mfg.**	**7**	**1**	**20.4**	**.0010**	**20**
1211	*Bituminous-coal & lignite mining*	*8*	*3*	*154.3*	*.8398*	*80*
Lewis	**All mfg.**	**2**	**2**	**13.0**	**.0007**	**100**
Lincoln	**All mfg.**	**5**	**1**	**26.5**	**.0014**	**58**
Livingston	**All mfg.**	**3**		**3.4**	**.0002**	**0**
Logan	**All mfg.**	**25**	**8**	**214.8**	**.0110**	**69**
Lyon	**All mfg.**	**1**	**1**	**13.7**	**.0007**	**100**
McCracken	**All mfg.**	**30**	**7**	**393.2**	**.0202**	**81**
2819	Industrial inorganic chemicals n.e.c.	2	1	244.9	2.0917	99
8062	*General medical & surgical hospitals*	*2*	*2*	*68.1*	*.0471*	*100*
McCreary	**All mfg.**	**5**	**1**	**17.2**	**.0009**	**44**
McLean	**All mfg.**	**5**	**1**	**27.5**	**.0014**	**74**
Madison	**All mfg.**	**24**	**13**	**256.4**	**.0132**	**86**
Magoffin	**All mfg.**	**1**	**1**	**12.2**	**.0006**	**100**
Marion	**All mfg.**	**8**	**4**	**53.3**	**.0027**	**69**
Marshall	**All mfg.**	**10**	**5**	**504.4**	**.0259**	**98**
2869	Industrial organic chemicals n.e.c.	3	3	470.4	1.2793	100
Martin						
1211	*Bituminous-coal & lignite mining*	*9*	*3*	*177.9*	*.9682*	*79*
Mason	**All mfg.**	**15**	**6**	**289.3**	**.0149**	**82**
Meade	**All mfg.**	**2**	**1**	**162.6**	**.0084**	**96**
Menifee	**All mfg.**	**2**		**11.3**	**.0006**	**0**
Mercer	**All mfg.**	**9**	**4**	**112.4**	**.0058**	**65**
Metcalfe	**All mfg.**	**3**	**1**	**16.0**	**.0008**	**69**
Monroe	**All mfg.**	**17**	**3**	**52.7**	**.0027**	**36**
Montgomery	**All mfg.**	**10**	**5**	**175.6**	**.0090**	**88**
3621	Motors & generators	1	1	60.5	.9878	100
Morgan	**All mfg.**	**2**	**2**	**17.1**	**.0009**	**100**
Muhlenberg	**All mfg.**	**10**	**1**	**29.7**	**.0015**	**39**
1211	*Bituminous-coal & lignite mining*	*9*	*6*	*253.2*	*1.3780*	*95*
4911	*Electric services*	*1*	*1*	*222.0*	*.3662*	*100*
Nelson	**All mfg.**	**14**	**6**	**251.7**	**.0129**	**82**
Nicholas	**All mfg.**	**2**	**2**	**17.3**	**.0009**	**100**
Ohio	**All mfg.**	**12**	**5**	**49.1**	**.0025**	**65**
Oldham	**All mfg.**	**13**	**4**	**105.9**	**.0054**	**60**
Owen	**All mfg.**	**2**	**2**	**14.1**	**.0007**	**100**
Pendleton	**All mfg.**	**4**	**1**	**23.5**	**.0012**	**50**
Perry	**All mfg.**	**4**		**12.2**	**.0006**	**0**
Pike	**All mfg.**	**8**	**1**	**31.9**	**.0016**	**52**
1211	*Bituminous-coal & lignite mining*	*39*	*11*	*391.4*	*2.1301*	*60*
Powell	**All mfg.**	**6**		**9.1**	**.0005**	**0**
Pulaski	**All mfg.**	**21**	**9**	**363.8**	**.0187**	**63**
Rockcastle	**All mfg.**	**3**		**6.1**	**.0003**	**0**
Rowan	**All mfg.**	**13**	**3**	**58.9**	**.0030**	**40**
Russell	**All mfg.**	**8**	**2**	**55.2**	**.0028**	**75**
Scott	**All mfg.**	**23**	**6**	**138.0**	**.0071**	**70**
Shelby	**All mfg.**	**22**	**4**	**149.6**	**.0077**	**41**
Simpson	**All mfg.**	**15**	**6**	**184.3**	**.0095**	**86**
Taylor	**All mfg.**	**12**	**3**	**171.8**	**.0088**	**77**
2254	Knit-underwear mills	1	1	107.4	11.4316	100
Todd	**All mfg.**	**10**	**3**	**72.1**	**.0037**	**57**
Trigg	**All mfg.**	**7**	**2**	**44.2**	**.0023**	**75**
Union	**All mfg.**	**11**	**5**	**69.8**	**.0036**	**77**
1211	*Bituminous-coal & lignite mining*	*4*	*3*	*136.8*	*.7445*	*92*
Warren	**All mfg.**	**42**	**17**	**1,133.6**	**.0582**	**93**
2322	Men's & boys' underwear	1	1	22.7	5.5057	100
3592	Carburetors, pistons, rings, & valves	2	2	172.5	7.2822	100
3711	Motor vehicles & passenger-car bodies	1	1	376.7	.3710	100
Washington	**All mfg.**	**7**	**3**	**93.5**	**.0048**	**82**
Wayne	**All mfg.**	**13**	**4**	**43.9**	**.0023**	**57**
Webster	**All mfg.**	**7**	**2**	**31.2**	**.0016**	**61**
Whitley	**All mfg.**	**17**	**9**	**183.3**	**.0094**	**89**

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship Recpt	% In Large Estab
KENTUCKY (cont.)						
Wolfe	**All mfg.**	**2**	**1**	**35.0**	**.0018**	**93**
Woodford	**All mfg.**	**8**	**5**	**162.9**	**.0084**	**95**
STATE TOTAL	**All mfg.**	**1,786**	**584**	**30,145.2**	**1.5484**	**85**
LOUISIANA						
Acadia	**All mfg.**	**29**	**2**	**413.0**	**.0212**	**3**
Allen	**All mfg.**	**8**	**3**	**102.1**	**.0052**	**75**
Ascension	**All mfg.**	**34**	**17**	**1,101.0**	**.0566**	**90**
2869	Industrial organic chemicals n.e.c.	8	8	746.3	2.0297	100
Assumption	**All mfg.**	**9**	**2**	**67.9**	**.0035**	**32**
Avoyelles	**All mfg.**	**15**	**5**	**142.2**	**.0073**	**67**
Beauregard	**All mfg.**	**13**	**5**	**300.0**	**.0154**	**86**
2621	Paper mills, except building paper	2	2	197.2	.9453	100
Bienville	**All mfg.**	**7**	**5**	**85.2**	**.0044**	**94**
Bossier	**All mfg.**	**34**	**6**	**219.2**	**.0113**	**62**
Caddo	**All mfg.**	**157**	**38**	**2,488.2**	**.1278**	**76**
1311	*Crude petroleum & natural gas*	*58*	*1*	*916.5*	*2.2812*	*21*
1381	*Oil- & gas-well drilling services*	*27*	*2*	*142.7*	*2.6241*	*36*
3443	Fabricated plate work (boiler shops)	4	3	109.8	1.1503	98
3483	Ammunition, except small-arms, n.e.c.	3	2	60.3	4.7808	97
3661	Telephone & telegraph apparatus	1	1	490.2	3.0646	100
7011	*Hotels, motels, & tourist courts*	*6*	*1*	*73.2*	*.4198*	*92*
8062	*General medical & surgical hospitals*	*10*	*8*	*273.4*	*.1892*	*98*
Calcasieu	**All mfg.**	**61**	**18**	**6,747.7**	**.3466**	**94**
2822	Synthetic rubber	1	1	143.1	4.6257	100
2869	Industrial organic chemicals n.e.c.	6	3	492.7	1.3400	91
2911	Petroleum refining	4	2	5,609.9	3.0929	97
8062	*General medical & surgical hospitals*	*4*	*3*	*57.5*	*.0398*	*96*
Caldwell	**All mfg.**	**2**		**6.5**	**.0003**	**0**
Cameron	**All mfg.**	**6**	**1**	**59.0**	**.0030**	**44**
Catahoula	**All mfg.**	**2**	**2**	**10.5**	**.0005**	**100**
Claiborne	**All mfg.**	**7**	**2**	**131.7**	**.0068**	**33**
Concordia	**All mfg.**	**7**	**1**	**20.6**	**.0011**	**20**
De Soto	**All mfg.**	**12**	**4**	**102.4**	**.0053**	**76**
East Baton Rouge	**All mfg.**	**138**	**30**	**10,210.3**	**.5244**	**96**
1629	*Heavy construction n.e.c.*	*6*	*3*	*130.2*	*.5499*	*86*
2819	Industrial inorganic chemicals n.e.c.	4	4	170.3	1.4545	100
2822	Synthetic rubber	3	3	389.1	12.5776	100
2869	Industrial organic chemicals n.e.c.	2	2	795.3	2.1629	100
2911	Petroleum refining	1	1	7,982.7	4.4010	100
4911	*Electric services*	*2*	*2*	*216.6*	*.3573*	*100*
5025	*National banks, federal reserve system*	*5*	*5*	*277.1*	*.2589*	*100*
8062	*General medical & surgical hospitals*	*8*	*8*	*221.6*	*.1533*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*103.7*	*.5041*	*100*
East Carroll	**All mfg.**	**4**		**12.3**	**.0006**	**0**
East Feliciana	**All mfg.**	**9**		**25.5**	**.0013**	**0**
8062	*General medical & surgical hospitals*	*2*	*2*	*185.8*	*.1286*	*100*
Evangeline	**All mfg.**	**7**	**2**	**80.8**	**.0042**	**70**
Franklin	**All mfg.**	**7**	**1**	**49.1**	**.0025**	**23**
Grant	**All mfg.**	**6**	**1**	**38.3**	**.0020**	**49**
Iberia	**All mfg.**	**62**	**19**	**789.0**	**.0405**	**70**
2033	Canned fruits & vegetables	2	2	95.8	1.0468	100
3533	Oil-field machinery	12	3	218.2	2.6060	67
3731	Ship building & repairing	5	3	79.9	.9003	92
Iberville	**All mfg.**	**21**	**6**	**1,666.0**	**.0856**	**93**
2869	Industrial organic chemicals n.e.c.	7	3	1,303.3	3.5445	94
Jackson	**All mfg.**	**4**	**2**	**147.5**	**.0076**	**97**
Jefferson	**All mfg.**	**120**	**41**	**1,495.8**	**.0768**	**78**
1623	*Pipe- & utility-line construction*	*8*	*2*	*85.3*	*1.4838*	*85*
3441	Fabricated structural metal	8	4	68.3	.8316	85
3533	Oil-field machinery	7	1	132.4	1.5813	75
3731	Ship building & repairing	11	5	98.4	1.1088	78
8062	*General medical & surgical hospitals*	*5*	*5*	*116.6*	*.0807*	*100*
Jefferson Davis	**All mfg.**	**14**	**3**	**544.1**	**.0279**	**5**
Lafayette	**All mfg.**	**63**	**15**	**693.6**	**.0356**	**75**
1311	*Crude petroleum & natural gas*	*45*		*617.9*	*1.5380*	*0*
1381	*Oil- & gas-well drilling services*	*26*	*3*	*158.8*	*2.9201*	*49*
3533	Oil-field machinery	15	3	166.7	1.9909	58
8062	*General medical & surgical hospitals*	*3*	*3*	*99.2*	*.0686*	*100*
Lafourche	**All mfg.**	**29**	**8**	**359.4**	**.0185**	**77**
La Salle	**All mfg.**	**7**	**5**	**133.6**	**.0069**	**92**
Lincoln	**All mfg.**	**17**	**4**	**135.3**	**.0069**	**68**
1611	*Highway & street construction*	*2*	*2*	*122.5*	*.7691*	*100*
Livingston	**All mfg.**	**16**	**4**	**101.7**	**.0052**	**71**
Madison	**All mfg.**	**2**	**1**	**6.7**	**.0003**	**57**
Morehouse	**All mfg.**	**10**	**4**	**285.9**	**.0147**	**88**
2621	Paper mills, except building paper	1	1	183.7	.8806	100
Natchitoches	**All mfg.**	**9**	**1**	**95.9**	**.0049**	**60**
Orleans	**All mfg.**	**262**	**75**	**3,799.6**	**.1952**	**82**
1311	*Crude petroleum & natural gas*	*32*	*2*	*855.2*	*2.1287*	*38*
1629	*Heavy construction n.e.c.*	*12*	*5*	*545.5*	*2.3040*	*94*
2051	Bread, cake, & related products	12	4	92.8	.7424	73
2095	Roasted coffee	8	4	555.4	9.7471	90
2711	Newspapers	4	1	85.0	.3985	92
3599	Machinery, except electrical, n.e.c.	10	3	56.2	.6322	74
3731	Ship building & repairing	11	4	494.1	5.5674	97
3769	Space-vehicle equipment n.e.c.	1	1	176.4	11.2385	100
4911	*Electric services*	*4*	*4*	*681.9*	*1.1247*	*100*
5084	*Industrial-machinery distributors*	*27*	*1*	*292.1*	*.7716*	*19*
6025	*National banks, federal reserve system*	*6*	*4*	*463.5*	*.4330*	*96*
7011	*Hotels, motels, & tourist courts*	*23*	*8*	*179.6*	*1.0301*	*85*
8062	*General medical & surgical hospitals*	*19*	*18*	*732.6*	*.5070*	*100*
8221	*Colleges & universities n.e.c.*	*8*	*3*	*50.3*	*.2445*	*79*
Ouachita	**All mfg.**	**66**	**20**	**1,074.3**	**.0552**	**81**
2631	Paperboard mills	1	1	321.8	2.9107	100
8062	*General medical & surgical hospitals*	*3*	*3*	*84.4*	*.0584*	*100*
Plaquemines	**All mfg.**	**28**	**11**	**1,364.0**	**.0701**	**94**
Pointe Coupee	**All mfg.**	**5**	**1**	**27.2**	**.0014**	**62**
Rapides	**All mfg.**	**42**	**11**	**335.1**	**.0172**	**71**
8062	*General medical & surgical hospitals*	*7*	*7*	*189.6*	*.1312*	*100*
Red River	**All mfg.**	**5**	**2**	**60.4**	**.0031**	**86**
Richland	**All mfg**	**5**	**2**	**33.0**	**.0017**	**60**
Sabine	**All mfg.**	**8**	**4**	**87.8**	**.0045**	**78**
St. Bernard	**All mfg.**	**12**	**7**	**1,169.2**	**.0601**	**99**
3334	Primary aluminum	1	1	467.2	7.2932	100
St. Charles	**All mfg.**	**18**	**8**	**3,130.5**	**.1608**	**95**
2821	Plastics materials & synthetic resins	2	1	216.7	1.2387	96
2911	Petroleum refining	3	2	2,402.8	1.3247	96
St. James	**All mfg.**	**14**	**7**	**1,181.2**	**.0607**	**83**
2819	Industrial inorganic chemicals n.e.c.	3	2	122.9	1.0497	97
St. John the Baptist	**All mfg.**	**13**	**7**	**1,443.2**	**.0741**	**87**
St. Landry	**All mfg.**	**28**	**4**	**416.7**	**.0214**	**45**
St. Martin	**All mfg.**	**12**	**2**	**129.6**	**.0067**	**56**
2254	Knit-underwear mills	1	1	58.5	6.2267	100
St. Mary	**All mfg.**	**51**	**19**	**651.9**	**.0335**	**85**
3441	Fabricated structural metal	2	1	64.0	.7792	93
3533	Oil-field machinery	11	7	330.9	3.9519	94
St. Tammany	**All mfg.**	**28**	**7**	**168.2**	**.0086**	**59**
Tangipahoa	**All mfg.**	**39**	**7**	**234.2**	**.0120**	**49**
Tensas	**All mfg.**	**1**		**2.4**	**.0001**	**0**
Terrebonne	**All mfg.**	**48**	**14**	**405.0**	**.0208**	**63**
3731	Ship building & repairing	12	7	86.3	.9724	83
Union	**All mfg.**	**6**		**29.1**	**.0015**	**0**
Vermilion	**All mfg.**	**10**	**5**	**338.6**	**.0174**	**93**
Vernon	**All mfg.**	**4**	**1**	**20.3**	**.0010**	**49**
Washington	**All mfg.**	**15**	**6**	**371.3**	**.0191**	**89**
2621	Paper mills, except building paper	1	1	229.6	1.1007	100
Webster	**All mfg.**	**26**	**11**	**295.6**	**.0152**	**45**
West Baton Rouge	**All mfg.**	**16**	**4**	**311.2**	**.0160**	**22**
West Carroll	**All mfg.**	**3**	**2**	**18.3**	**.0009**	**84**
West Feliciana	**All mfg.**	**5**	**2**	**153.8**	**.0079**	**93**
2641	Paper coating & glazing	1	1	124.3	2.1977	100
Winn	**All mfg.**	**13**	**6**	**190.1**	**.0098**	**85**
2421	General sawmills & planing mills	5	4	122.9	.9990	94
STATE TOTAL	**All mfg.**	**1,731**	**503**	**46,309.6**	**2.3787**	**85**
MAINE						
Androscoggin	**All mfg.**	**110**	**38**	**712.5**	**.0366**	**70**
2211	Cotton-weaving mills	2	2	57.5	1.0693	100
3143	Men's nonathletic footwear	7	7	59.6	2.8879	100
3144	Women's nonathletic footwear	5	4	49.3	3.0724	96
3149	Nonrubber footwear n.e.c.	5	3	17.1	2.4034	85
8062	*General medical & surgical hospitals*	*2*	*2*	*60.9*	*.0421*	*100*
Aroostook	**All mfg.**	**50**	**17**	**731.8**	**.0376**	**81**
2037	Frozen fruits & vegetables	2	2	121.0	2.4682	100
2621	Paper mills, except building paper	1	1	153.1	.7339	100
Cumberland	**All mfg.**	**178**	**54**	**1,783.9**	**.0916**	**80**
2621	Paper mills, except building paper	2	2	336.8	1.6146	100
3143	Men's nonathletic footwear	4	4	52.2	2.5293	100
3573	Electronic computing equipment	1	1	120.3	.3057	100
3674	Semiconductors & related devices	2	2	136.7	1.0169	100
8062	*General medical & surgical hospitals*	*8*	*7*	*246.1*	*.1703*	*99*
Franklin	**All mfg.**	**31**	**10**	**374.6**	**.0192**	**86**
2499	Wood products n.e.c.	11	3	51.3	1.5134	68
2621	Paper mills, except building paper	2	2	237.2	1.1371	100
3149	Nonrubber footwear n.e.c.	4	2	21.1	2.9656	91

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship. Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
Hancock	**All mfg.**	**34**	**14**	**396.4**	**.0204**	**84**
2621	Paper mills, except building paper	1	1	153.1	.7339	100
Kennebec	**All mfg.**	**64**	**22**	**843.2**	**.0433**	**85**
2231	Wool-fabric weaving & finishing mills	5	5	40.4	4.7805	100
2621	Paper mills, except building paper	1	1	153.1	.7339	100
2646	Pressed & molded pulp goods	1	1	70.9	26.1142	100
4911	*Electric services*	*3*	*1*	*175.1*	*.2888*	*88*
8062	*General medical & surgical hospitals*	*5*	*5*	*137.5*	*.0951*	*100*
Knox	**All mfg.**	**37**	**12**	**278.2**	**.0143**	**68**
Lincoln	**All mfg.**	**19**	**4**	**73.9**	**.0038**	**37**
4912	*Nuclear power*	*1*	*1*	*201.0*	*1.4761*	*100*
Oxford	**All mfg.**	**45**	**19**	**637.9**	**.0328**	**90**
2499	Wood products n.e.c.	16	8	88.5	2.6108	81
2621	Paper mills, except building paper	1	1	382.7	1.8346	100
Penobscot	**All mfg.**	**85**	**26**	**1,025.0**	**.0526**	**75**
2611	Pulp mills	2	2	161.2	5.0601	100
2621	Paper mills, except building paper	3	3	248.9	1.1932	100
3143	Men's nonathletic footwear	2	2	77.1	3.7358	100
8062	*General medical & surgical hospitals*	*6*	*3*	*96.5*	*.0668*	*90*
Piscataquis	**All mfg.**	**13**	**5**	**[illegible]**	**.0031**	**64**
Sagadahoc	**All mfg.**	**13**	**6**	**153.1**	**.0079**	**88**
3731	Ship building & repairing	1	1	91.2	1.0276	100
Somerset	**All mfg.**	**34**	**12**	**259.3**	**.0133**	**76**
2499	Wood products n.e.c.	9	4	55.0	1.6225	85
3149	Nonrubber footwear n.e.c.	2	1	30.2	4.2446	97
Waldo	**All mfg.**	**16**	**5**	**150.9**	**.0077**	**69**
Washington	**All mfg.**	**31**	**9**	**409.6**	**.0210**	**77**
2621	Paper mills, except building paper	1	1	183.7	.8806	100
York	**All mfg.**	**84**	**31**	**907.3**	**.0466**	**85**
3484	Small arms	1	1	83.4	7.0756	100
3724	Aircraft engines & engine parts	1	1	172.3	1.1350	100
STATE TOTAL	**All mfg.**	**844**	**284**	**8,798.6**	**.4519**	**80**

MARYLAND

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
Allegany	**All mfg.**	**42**	**12**	**1,233.7**	**.0634**	**89**
2621	Paper mills, except building paper	1	1	306.2	1.4679	100
3011	Tires & inner tubes	1	1	390.2	3.7159	100
Anne Arundel	**All mfg.**	**84**	**27**	**686.3**	**.0353**	**75**
8062	*General medical & surgical hospitals*	*7*	*7*	*185.5*	*.1284*	*100*
Baltimore	**All mfg.**	**230**	**83**	**3,922.8**	**.2015**	**87**
2085	Distilled liquor, except brandy	3	2	248.5	5.9177	94
2654	Sanitary food containers	2	2	321.5	12.2808	100
3079	Miscellaneous plastics products	9	6	77.6	.2596	84
3317	Steel pipe & tubes	2	1	205.4	6.2614	99
3662	Radio & TV communication equipment	8	7	718.4	2.1988	99
3679	Electronic components n.e.c.	4	3	149.2	1.2066	99
3825	Electricity-measuring instruments	3	3	177.4	3.1602	100
5084	*Industrial-machinery distributors*	*4*	*1*	*403.4*	*1.0657*	*92*
7372	*Computer programming & software*	*5*	*4*	*123.7*	*1.3123*	*95*
8062	*General medical & surgical hospitals*	*7*	*6*	*194.6*	*.1347*	*99*
Baltimore city	**All mfg.**	**607**	**169**	**9,894.3**	**.5082**	**84**
1611	*Highway & street construction*	*14*	*2*	*89.6*	*.5625*	*63*
1622	*Bridge & tunnel construction*	*7*	*3*	*122.2*	*2.3667*	*90*
1629	*Heavy construction n.e.c.*	*11*	*4*	*112.7*	*.4760*	*76*
2013	Sausages & other prepared meats	11	2	174.4	1.6403	66
2026	Fluid milk	3	3	236.2	1.3809	100
2051	Bread, cake, & related products	11	3	87.3	.6984	70
2311	Men's & boys' suits & coats	17	9	88.5	2.7620	87
2651	Folding paperboard boxes	7	5	74.2	2.1697	92
2653	Corrugated & solid fiber boxes	11	5	101.4	.9811	79
2711	Newspapers	6	3	195.3	.9156	96
2751	Letterpress commercial printing	24	3	31.5	.6604	31
2819	Industrial inorganic chemicals n.e.c.	7	4	112.4	.9600	86
2841	Soap & other detergents	3	3	439.0	4.8854	100
2851	Paints & allied products	12	7	178.3	1.9972	83
3079	Miscellaneous plastics products	14	4	99.0	.3312	69
3221	Glass containers	4	3	108.9	2.2135	97
3272	Concrete products n.e.c.	6	2	44.0	1.4933	84
3312	Blast furnaces & steel mills	3	3	1,806.5	4.7994	100
3411	Metal cans	6	5	375.3	3.8354	97
3441	Fabricated structural metal	13	2	74.8	.9107	68
3661	Telephone & telegraph apparatus	1	1	775.7	4.8495	100
3693	X-ray apparatus & tubes	1	1	159.6	4.5936	100
3711	Motor vehicles & passenger-car bodies	1	1	910.6	.8969	100
3731	Ship building & repairing	4	3	99.8	1.1245	96
4011	*Line-haul-operating railroads*	*1*	*1*	*72.4*	*.5083*	*100*
4931	*Electric & other services combined*	*1*	*1*	*1,389.2*	*4.1470*	*100*
6025	*National banks, federal reserve system*	*5*	*4*	*996.0*	*.9305*	*100*
7011	*Hotels, motels, & tourist courts*	*18*	*2*	*51.0*	*.2925*	*58*
8062	*General medical & surgical hospitals*	*26*	*26*	*1,306.1*	*.9038*	*100*
8221	*Colleges & universities n.e.c.*	*9*	*7*	*118.1*	*.5742*	*95*
Calvert	**All mfg.**	**9**		**19.8**	**.0010**	**0**
Caroline	**All mfg.**	**19**	**7**	**123.0**	**.0063**	**72**
Carroll	**All mfg.**	**56**	**23**	**584.9**	**.0300**	**82**
2311	Men's & boys' suits & coats	5	5	43.5	1.3576	100
3546	Power-driven hand tools	1	1	119.4	8.4705	100
8062	*General medical & surgical hospitals*	*2*	*2*	*91.2*	*.0631*	*100*
Cecil	**All mfg.**	**32**	**9**	**291.2**	**.0150**	**71**
8062	*General medical & surgical hospitals*	*2*	*2*	*79.2*	*.0548*	*100*
Charles	**All mfg.**	**12**	**1**	**53.5**	**.0027**	**44**
Dorchester	**All mfg.**	**44**	**13**	**490.0**	**.0252**	**68**
Frederick	**All mfg.**	**65**	**23**	**813.7**	**.0418**	**83**
3334	Primary aluminum	2	2	268.3	4.1883	100
Garrett	**All mfg.**	**14**	**4**	**91.1**	**.0047**	**62**
Harford	**All mfg.**	**37**	**10**	**294.5**	**.0151**	**68**
3021	Rubber & plastic footwear	1	1	75.9	11.4307	100
Howard	**All mfg.**	**39**	**14**	**559.4**	**.0287**	**89**
3585	Refrigeration & heating equipment	1	1	91.6	.7362	100
3631	Household cooking equipment	1	1	158.1	5.5260	100
Kent	**All mfg.**	**16**	**3**	**142.7**	**.0073**	**56**
Montgomery	**All mfg.**	**176**	**43**	**1,492.2**	**.0766**	**73**
1629	*Heavy construction n.e.c.*	*4*	*2*	*176.7*	*.7463*	*93*
2752	Lithographic commercial printing	9	3	158.5	1.0731	82
3573	Electronic computing equipment	18	7	253.6	.6445	76
3662	Radio & TV communication equipment	17	8	270.6	.8282	85
7011	*Hotels, motels, & tourist courts*	*11*	*1*	*100.9*	*.5787*	*83*
7372	*Computer programming & software*	*20*	*2*	*70.4*	*.7468*	*39*
7374	*Data-processing services*	*19*	*9*	*168.7*	*2.6111*	*85*
8062	*General medical & surgical hospitals*	*5*	*5*	*259.0*	*.1792*	*100*
Prince George's	**All mfg.**	**178**	**44**	**1,119.6**	**.0575**	**66**
3662	Radio & TV communication equipment	7	1	121.1	.3706	84
6025	*National banks, federal reserve system*	*4*	*3*	*273.3*	*.2553*	*97*
8062	*General medical & surgical hospitals*	*7*	*6*	*276.2*	*.1911*	*99*
8221	*Colleges & universities n.e.c.*	*2*	*2*	*295.1*	*1.4347*	*100*
Queen Anne's	**All mfg.**	**11**	**2**	**72.7**	**.0037**	**53**
St. Mary's	**All mfg.**	**5**		**13.9**	**.0007**	**0**
Somerset	**All mfg.**	**19**	**4**	**116.7**	**.0060**	**42**
Talbot	**All mfg.**	**40**	**9**	**288.5**	**.0148**	**55**
Washington	**All mfg.**	**81**	**28**	**1,189.8**	**.0611**	**87**
3519	Internal-combustion engines n.e.c.	1	1	360.8	4.0154	100
3721	Aircraft	1	1	239.2	.7468	100
8062	*General medical & surgical hospitals*	*2*	*2*	*59.0*	*.0408*	*100*
Wicomico	**All mfg.**	**49**	**18**	**764.6**	**.0393**	**84**
2048	Prepared feeds n.e.c.	1	1	241.0	2.8037	100
8062	*General medical & surgical hospitals*	*2*	*2*	*65.9*	*.0456*	*100*
Worcester	**All mfg.**	**25**	**8**	**182.1**	**.0094**	**70**
STATE TOTAL	**All mfg.**	**1,890**	**564**	**24,441.5**	**1.2554**	**81**

MASSACHUSETTS

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
Barnstable	**All mfg.**	**38**	**6**	**163.1**	**.0084**	**41**
7011	*Hotels, motels, & tourist courts*	*50*	*5*	*97.8*	*.5609*	*39*
8062	*General medical & surgical hospitals*	*3*	*3*	*56.4*	*.0390*	*100*
Berkshire	**All mfg.**	**89**	**29**	**1,755.0**	**.0901**	**91**
2621	Paper mills, except building paper	7	5	235.8	1.1304	96
3612	Transformers	1	1	144.8	5.2083	100
3662	Radio & TV communication equipment	1	1	444.2	1.3595	100
3675	Electronic capacitors	1	1	70.0	5.2517	100
8062	*General medical & surgical hospitals*	*5*	*4*	*102.1*	*.0707*	*96*
Bristol	**All mfg.**	**501**	**193**	**4,549.1**	**.2337**	**79**
2221	Synthetics- & silk-weaving mills	4	3	292.6	3.2912	99
2311	Men's & boys' suits & coats	7	5	82.0	2.5591	95
2329	Men's & boys' clothing n.e.c.	7	6	29.9	2.0364	92
2335	Women's & misses' dresses	26	15	179.8	4.3134	81
2341	Women's & children's underwear	11	7	51.7	1.9549	88
2391	Curtains & draperies	15	6	78.4	8.1084	73
3069	Fabricated rubber products n.e.c.	4	2	73.9	1.2959	93
3079	Miscellaneous plastics products	15	7	93.4	.3124	68
3545	Machine-tool accessories	3	1	44.1	1.8066	90
3622	Industrial controls	1	1	111.9	2.7030	100
3678	Electronic connectors	3	2	138.5	5.1766	93
3679	Electronic components n.e.c.	14	10	127.6	1.0319	93
3911	Precious-metal jewelry	26	10	239.7	9.9717	82
3914	Silverware & plated & stainless ware	7	6	101.0	17.6265	98
3949	Sporting & athletic goods n.e.c.	1	1	57.0	1.9509	100
3961	Costume jewelry	10	3	59.4	6.9174	84
8062	*General medical & surgical hospitals*	*11*	*11*	*392.7*	*.2717*	*100*
Dukes	**All mfg.**	**4**		**4.7**	**.0002**	**0**
Essex	**All mfg.**	**602**	**165**	**5,749.6**	**.2953**	**78**
2092	Fresh or frozen packaged seafoods	9	2	166.7	5.3084	78
2221	Synthetics- & silk-weaving mills	2	1	232.2	2.6118	99
2329	Men's & boys' clothing n.e.c.	7	4	33.3	2.2679	84
2711	Newspapers	15	7	106.2	.4979	79
3079	Miscellaneous plastics products	23	7	138.4	.4630	70
3111	Leather tanning & finishing	47	7	231.7	15.2816	51
3131	Boot & shoe cut stock & findings	20	6	44.0	11.2532	48
3144	Women's nonathletic footwear	10	8	121.9	7.5969	96
3494	Valves & pipe fittings	4	3	137.4	1.5819	97
3511	Turbines & turbine-generator set units	1	1	241.4	8.0752	100

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
MASSACHUSETTS (Essex, cont.)						
3552	Textile machinery	6	2	42.1	3.9680	93
3559	Special-industry machinery n.e.c.	14	3	110.1	2.5453	80
3641	Electric lamps	3	3	165.3	7.6966	100
3661	Telephone & telegraph apparatus	3	1	903.6	5.6491	99
3674	Semiconductors & related devices	7	5	129.4	.9626	97
3679	Electronic components n.e.c.	22	6	144.9	1.1718	78
3944	Games, toys, & children's vehicles	4	2	110.2	2.5119	90
6025	*National banks, federal reserve system*	*16*	*2*	*172.5*	*.1612*	*65*
7011	*Hotels, motels, & tourist courts*	*14*	*3*	*51.8*	*.2971*	*53*
8062	*General medical & surgical hospitals*	*20*	*16*	*496.9*	*.3438*	*97*
Franklin	**All mfg.**	**54**	**19**	**471.6**	**.0242**	**78**
2621	Paper mills, except building paper	5	5	160.0	.7670	100
3545	Machine-tool accessories	5	2	45.7	1.8721	93
Hampden	**All mfg.**	**433**	**120**	**4,117.1**	**.2115**	**78**
2621	Paper mills, except building paper	6	6	173.8	.8332	100
2642	Envelopes	4	3	178.0	9.8528	99
2711	Newspapers	8	2	81.7	.3830	75
2782	Blankbooks & looseleaf binders	6	3	133.0	6.2662	90
3079	Miscellaneous plastics products	24	4	103.2	.3452	38
3172	Personal leather goods n.e.c.	2	1	32.3	9.4527	96
3423	Hand & edge tools n.e.c.	1	1	99.8	3.4502	100
3484	Small arms	3	2	198.5	16.8406	98
3544	Special dies, tools, jigs, & fixtures	23	3	29.0	.9743	30
3568	Power-transmission equipment n.e.c.	3	2	45.8	2.5020	93

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
3573	Electronic computing equipment	3	3	129.8	.3299	100
3599	Machinery, except electrical, n.e.c.	10	1	56.2	.6322	62
3679	Electronic components n.e.c.	8	5	111.3	.9001	94
3761	Guided missiles & space vehicles	1	1	163.6	1.7660	100
3944	Games, toys, & children's vehicles	2	1	165.2	3.7656	96
3949	Sporting & athletic goods n.e.c.	2	1	96.4	3.2994	99
4911	*Electric services*	*4*	*2*	*341.1*	*.5626*	*93*
7011	*Hotels, motels, & tourist courts*	*13*	*1*	*38.2*	*.2191*	*48*
8062	*General medical & surgical hospitals*	*11*	*10*	*285.5*	*.1976*	*98*
Hampshire	**All mfg.**	**72**	**28**	**711.8**	**.0366**	**81**
2641	Paper coating & glazing	3	3	161.8	2.8607	100
3079	Miscellaneous plastics products	6	3	93.5	.3128	89
3991	Brooms & brushes	3	3	60.4	9.2327	100
8062	*General medical & surgical hospitals*	*6*	*6*	*181.6*	*.1257*	*100*
8221	*Colleges & universities n.e.c.*	*5*	*3*	*316.9*	*1.5406*	*99*
Middlesex	**All mfg.**	**1,409**	**395**	**15,579.0**	**.8002**	**79**
1611	*Highway & street construction*	*9*	*2*	*124.2*	*.7798*	*80*
1622	*Bridge & tunnel construction*	*4*	*1*	*150.6*	*2.9168*	*90*
1629	*Heavy construction n.e.c.*	*6*	*4*	*138.8*	*.5862*	*96*
2024	Ice cream & frozen desserts	5	2	170.2	6.1580	92
2065	Confectionery products	11	6	212.9	3.3553	89
2099	Food preparations n.e.c.	8	3	127.5	1.3944	73
2295	Coated fabrics, not rubberized	7	2	92.2	8.9203	86
2649	Converted paper products n.e.c.	6	4	279.8	10.3837	98
2651	Folding paperboard boxes	10	4	85.1	2.4884	71
2711	Newspapers	29	5	173.3	.8124	53
2731	Book publishing	12	4	163.2	2.1493	79
2732	Book printing	3	3	192.0	6.7864	100
2751	Letterpress commercial printing	30	8	52.4	1.0986	55
2752	Lithographic commercial printing	12	5	136.1	.9214	77
2869	Industrial organic chemicals n.e.c.	6	2	424.1	1.1534	84
3079	Miscellaneous plastics products	53	14	338.0	1.1306	67
3144	Women's nonathletic footwear	4	4	55.1	3.4339	100
3149	Nonrubber footwear n.e.c.	2	2	17.6	2.4736	100
3357	Nonferrous-wire drawing & insulating	4	3	163.8	1.9077	93
3444	Sheet-metal work	22	3	48.4	.8430	32

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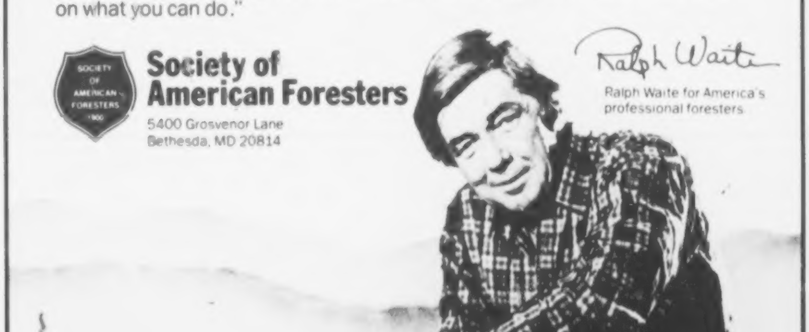

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1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
3452	Bolts, nuts, rivets, & washers	6	4	123.3	2.9763	97
3469	Metal stampings n.e.c.	22	6	86.5	1.3575	59
3555	Printing-trades machinery	9	2	131.6	7.0340	89
3559	Special-industry machinery n.e.c.	20	8	109.5	2.5314	77
3569	General industrial machinery n.e.c.	17	3	100.7	3.0799	78
3573	Electronic computing equipment	73	41	2,294.0	5.8302	92
3599	Machinery, except electrical, n.e.c.	39	2	69.2	.7784	19
3622	Industrial controls	11	4	88.5	2.1378	72
3662	Radio & TV communication equipment	48	18	1,091.1	3.3395	86
3674	Semiconductors & related devices	25	9	336.6	2.5040	78
3679	Electronic components n.e.c.	72	22	375.0	3.0326	67
3693	X-ray apparatus & tubes	8	1	199.4	5.7391	80
3711	Motor vehicles & passenger-car bodies	1	1	1,098.9	1.0823	100
3724	Aircraft engines & engine parts	1	1	237.2	1.5626	100
3761	Guided missiles & space vehicles	3	3	367.8	3.9703	100
3811	Engineering & scientific instruments	26	12	138.8	5.1702	84
3822	Environmental controls	8	2	50.7	3.2219	82
3825	Electricity-measuring instruments	14	7	97.1	1.7297	75
3829	Measuring & controlling devices n.e.c.	20	7	109.2	6.6699	75
3832	Optical instruments & lenses	17	6	166.9	5.6152	77
3841	Surgical & medical instruments	18	6	89.3	2.9430	66
3861	Photographic equipment & supplies	11	3	1,130.7	6.2393	93
4911	*Electric services*	*13*	*3*	*179.4*	*.2959*	*74*
5063	*Electrical-power-equipment wholesalers*	*32*	*5*	*703.3*	*1.9630*	*37*
5065	*Electronic-parts wholesalers*	*29*	*2*	*469.9*	*2.6232*	*21*
5081	*Commercial-equipment wholesalers*	*37*	*5*	*293.9*	*2.3548*	*35*
5084	*Industrial-machinery distributors*	*49*	*3*	*671.0*	*1.7726*	*31*
5085	*Industrial-supply distributors*	*43*	*2*	*375.1*	*1.1195*	*15*
6025	*National banks, federal reserve system*	*12*	*4*	*183.4*	*.1713*	*77*
7011	*Hotels, motels, & tourist courts*	*33*	*5*	*107.6*	*.6172*	*59*
7372	*Computer programming & software*	*55*	*11*	*484.8*	*5.1430*	*71*
7374	*Data-processing services*	*39*	*16*	*344.0*	*5.3243*	*81*
8062	*General medical & surgical hospitals*	*38*	*34*	*1,345.9*	*.9313*	*99*
8221	*Colleges & universities n.e.c.*	*13*	*6*	*579.6*	*2.8178*	*98*
Norfolk	**All mfg.**	**473**	**136**	**5,014.2**	**.2576**	**79**
2621	Paper mills, except building paper	3	3	164.7	.7895	100
2751	Letterpress commercial printing	18	4	29.3	.6143	52
3069	Fabricated rubber products n.e.c.	10	4	104.7	1.8359	92
3494	Valves & pipe fittings	7	2	109.2	1.2573	88
3662	Radio & TV communication equipment	14	6	443.9	1.3586	90
3671	Electron tubes	2	2	321.1	12.9039	100
3679	Electronic components n.e.c.	14	6	125.8	1.0173	85
3731	Ship building & repairing	2	1	205.6	2.3167	98
3811	Engineering & scientific instruments	10	5	97.3	3.6244	90
3823	Industrial process-control instruments	3	2	663.4	19.4568	99
3841	Surgical & medical instruments	8	3	102.8	3.3879	85
7011	*Hotels, motels, & tourist courts*	*16*	*3*	*277.7*	*1.5928*	*90*
8062	*General medical & surgical hospitals*	*20*	*17*	*381.9*	*.2643*	*98*
Plymouth	**All mfg.**	**257**	**63**	**1,340.1**	**.0688**	**61**
3149	Nonrubber footwear n.e.c.	5	5	31.0	4.3570	100
3662	Radio & TV communication equipment	6	3	108.4	.3318	91
3679	Electronic components n.e.c.	6	4	57.0	.4610	96
4912	*Nuclear power*	*1*	*1*	*375.6*	*2.7583*	*100*
8062	*General medical & surgical hospitals*	*9*	*9*	*262.2*	*.1814*	*100*
Suffolk	**All mfg.**	**624**	**164**	**5,460.6**	**.2805**	**73**
1629	*Heavy construction n.e.c.*	*10*	*4*	*338.4*	*1.4293*	*96*
2013	Sausages & other prepared meats	7	4	210.6	1.9808	86
2066	Chocolate & cocoa products	1	1	173.0	7.8522	100
2092	Fresh or frozen packaged seafoods	3	1	112.7	3.6207	94
2328	Men's & boys' work clothing	1	1	55.0	1.1352	100
2337	Women's & misses' suits & coats	18	2	122.3	3.1397	25
2339	Women's & misses' outerwear n.e.c.	17	6	80.3	1.7168	63
2711	Newspapers	13	4	322.5	1.5119	92
2721	Periodicals	18	3	139.2	1.2957	44
2731	Book publishing	14	4	168.0	2.2125	78
2751	Letterpress commercial printing	36	5	52.8	1.1070	44
2752	Lithographic commercial printing	17	3	140.7	.9526	43
3149	Nonrubber footwear n.e.c.	4	3	30.2	4.2446	99
3421	Cutlery	1	1	170.0	21.8988	100
3573	Electronic computing equipment	5	3	167.5	.4257	92
3825	Electricity-measuring instruments	3	1	87.3	1.5552	93
4011	*Line-haul-operating railroads*	*2*	*2*	*159.0*	*1.1162*	*100*

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County SIC	Industry	Establishments Total	Establishments Large	1983 (S&MM Est.) Shipments/Receipts ($ Mil.)	1983 (S&MM Est.) % Of U.S. Ship./Recpt.	1983 (S&MM Est.) % In Large Estab.
MASSACHUSETTS (Suffolk, cont.)						
4911	*Electric services*	*2*	*2*	*404.3*	*.6658*	*100*
4924	*Natural-gas distribution*	*2*	*2*	*314.7*	*2.5107*	*100*
6025	*National banks, federal reserve system*	*7*	*4*	*1,648.3*	*1.5400*	*99*
7011	*Hotels, motels, & tourist courts*	*31*	*14*	*517.6*	*2.9688*	*94*
8062	*General medical & surgical hospitals*	*36*	*36*	*1,745.3*	*1.2077*	*100*
8221	*Colleges & universities n.e.c.*	*21*	*11*	*374.8*	*1.8221*	*95*
Worcester	**All mfg.**	**734**	**203**	**6,357.2**	**.3265**	**76**
2231	Wool-fabric weaving & finishing mills	8	6	55.6	6.5791	93
2261	Cotton-finishing plants	1	1	44.7	4.0915	100
2511	Wood household furniture	27	11	124.7	2.1054	74
2512	Upholstered wood household furniture	17	4	95.9	2.1840	68
2621	Paper mills, except building paper	6	3	180.9	.8672	83
2711	Newspapers	8	1	85.1	.3990	77
3079	Miscellaneous plastics products	78	21	403.5	1.3498	55
3143	Men's nonathletic footwear	3	3	48.6	2.3549	100
3291	Abrasive products	4	3	588.3	19.4190	98
3357	Nonferrous-wire drawing & insulating	9	3	146.3	1.7039	69
3423	Hand & edge tools n.e.c.	9	4	86.7	2.9973	82
3469	Metal stampings n.e.c.	12	2	58.6	.9196	54
3494	Valves & pipe fittings	9	3	141.8	1.6326	85
3511	Turbines & turbine-generator set units	3	2	86.9	2.9069	97
3541	Metal-cutting machine tools	12	6	123.4	3.3306	86
3544	Special dies, tools, jigs, & fixtures	23	2	34.1	1.1456	41
3545	Machine-tool accessories	9	5	116.6	4.7765	95
3573	Electronic computing equipment	7	4	680.3	1.7290	97
3679	Electronic components n.e.c.	10	3	92.5	.7480	86
3873	Watches, clocks, & watchcases	1	1	136.0	10.7697	100
3944	Games, toys, & children's vehicles	7	3	89.5	2.0401	84
3949	Sporting & athletic goods n.e.c.	3	2	49.9	1.7079	95
4911	*Electric services*	*6*	*4*	*788.0*	*1.2997*	*99*
6025	*National banks, federal reserve system*	*11*	*4*	*231.4*	*.2162*	*88*
7011	*Hotels, motels, & tourist courts*	*15*	*1*	*37.8*	*.2168*	*48*
7372	*Computer programming & software*	*3*	*2*	*77.9*	*.8264*	*98*
8062	*General medical & surgical hospitals*	*23*	*20*	*557.9*	*.3861*	*98*
8221	*Colleges & universities n.e.c.*	*9*	*5*	*90.2*	*.4385*	*91*
STATE TOTAL	**All mfg.**	**5,290**	**1,521**	**51,273.1**	**2.6336**	**78**
MICHIGAN						
Alcona	**All mfg.**	**4**		**5.7**	**.0003**	**0**
Alger	**All mfg.**	**5**	**3**	**96.1**	**.0049**	**95**
Allegan	**All mfg.**	**57**	**20**	**709.2**	**.0364**	**85**
2834	Pharmaceutical preparations	1	1	138.2	.7698	100
Alpena	**All mfg.**	**22**	**8**	**214.0**	**.0110**	**82**
Antrim	**All mfg.**	**20**	**4**	**72.8**	**.0037**	**63**
Arenac	**All mfg.**	**10**	**2**	**37.6**	**.0019**	**67**
Baraga	**All mfg.**	**12**	**2**	**44.4**	**.0023**	**55**
Barry	**All mfg.**	**19**	**9**	**125.2**	**.0064**	**84**
Bay	**All mfg.**	**79**	**22**	**1,074.0**	**.0552**	**84**
3694	Engine electrical equipment	1	1	71.7	1.6153	100
3714	Motor-vehicle parts & accessories	2	2	262.0	.6165	100
8062	*General medical & surgical hospitals*	*3*	*3*	*70.4*	*.0487*	*100*
Benzie	**All mfg.**	**10**	**5**	**85.2**	**.0044**	**88**
Berrien	**All mfg.**	**201**	**50**	**1,947.4**	**.1000**	**78**
2741	Miscellaneous publishing	1	1	59.9	2.3936	100
3079	Miscellaneous plastics products	13	1	74.3	.2485	37
3361	Aluminum foundries	12	4	90.3	2.8766	73
3633	Household laundry equipment	1	1	197.4	7.6494	100
3651	Radio & TV receiving sets	4	4	139.6	2.0518	100
3714	Motor-vehicle parts & accessories	3	3	152.5	.3588	100
4912	*Nuclear power*	*2*	*2*	*449.5*	*3.3010*	*100*
8062	*General medical & surgical hospitals*	*4*	*3*	*56.1*	*.0388*	*93*
Branch	**All mfg.**	**48**	**14**	**384.1**	**.0197**	**69**
Calhoun	**All mfg.**	**110**	**27**	**2,773.0**	**.1424**	**90**
2043	Cereal breakfast foods	3	3	1,654.8	40.3708	100
3322	Malleable-iron foundries	1	1	36.3	8.2350	100
3537	Industrial trucks & tractors	2	1	87.2	5.3867	98
3714	Motor-vehicle parts & accessories	4	3	344.5	.8106	98
8062	*General medical & surgical hospitals*	*7*	*7*	*184.9*	*.1279*	*100*
Cass	**All mfg.**	**43**	**7**	**208.9**	**.0107**	**58**
Charlevoix	**All mfg.**	**25**	**7**	**177.5**	**.0091**	**63**
Cheboygan	**All mfg.**	**15**	**3**	**197.3**	**.0101**	**85**
Chippewa	**All mfg.**	**8**	**1**	**32.2**	**.0017**	**36**
Clare	**All mfg.**	**17**	**2**	**72.3**	**.0037**	**35**
Clinton	**All mfg.**	**14**	**5**	**107.3**	**.0055**	**82**
Crawford	**All mfg.**	**5**		**16.4**	**.0008**	**0**
Delta	**All mfg.**	**30**	**3**	**251.5**	**.0129**	**71**
Dickinson	**All mfg.**	**31**	**7**	**120.1**	**.0062**	**51**
Eaton	**All mfg.**	**41**	**8**	**376.6**	**.0193**	**75**
Emmet	**All mfg.**	**15**	**2**	**49.3**	**.0025**	**32**
Genesee	**All mfg.**	**137**	**25**	**14,187.6**	**.7287**	**98**
3465	Automotive stampings	1	1	498.9	5.8215	100
3694	Engine electrical equipment	1	1	806.2	18.1622	100
3711	Motor vehicles & passenger-car bodies	5	5	11,747.8	11.5706	100
3714	Motor-vehicle parts & accessories	5	3	539.5	1.2694	98
8062	*General medical & surgical hospitals*	*7*	*7*	*330.1*	*.2284*	*100*
Gladwin	**All mfg.**	**9**	**2**	**39.2**	**.0020**	**46**
Gogebic	**All mfg.**	**12**	**2**	**57.4**	**.0029**	**40**
Grand Traverse	**All mfg.**	**51**	**9**	**464.0**	**.0238**	**48**
8062	*General medical & surgical hospitals*	*3*	*3*	*81.7*	*.0565*	*100*
Gratiot	**All mfg.**	**26**	**6**	**1,004.8**	**.0516**	**92**
Hillsdale	**All mfg.**	**48**	**12**	**441.9**	**.0227**	**61**
Houghton	**All mfg.**	**18**	**2**	**55.7**	**.0029**	**20**
Huron	**All mfg.**	**37**	**7**	**262.8**	**.0135**	**67**
Ingham	**All mfg.**	**147**	**31**	**13,896.8**	**.7138**	**97**
1611	*Highway & street construction*	*4*	*3*	*103.7*	*.6511*	*97*
3462	Iron & steel forgings	6	5	252.8	6.8958	98
3711	Motor vehicles & passenger-car bodies	4	4	12,908.5	12.7138	100
6025	*National banks, federal reserve system*	*4*	*1*	*234.5*	*.2191*	*93*
8062	*General medical & surgical hospitals*	*6*	*5*	*194.9*	*.1349*	*99*
8221	*Colleges & universities n.e.c.*	*3*	*1*	*115.3*	*.5605*	*96*
Ionia	**All mfg.**	**41**	**11**	**393.3**	**.0202**	**59**
Iosco	**All mfg.**	**18**	**3**	**81.1**	**.0042**	**56**
Iron	**All mfg.**	**6**		**12.9**	**.0007**	**0**
Isabella	**All mfg.**	**16**	**8**	**169.8**	**.0087**	**86**
Jackson	**All mfg.**	**149**	**32**	**992.8**	**.0510**	**74**
3011	Tires & inner tubes	1	1	167.0	1.5904	100
3714	Motor-vehicle parts & accessories	11	7	233.7	.5499	92
4931	*Electric & other services combined*	*1*	*1*	*1,519.8*	*4.5369*	*100*
8062	*General medical & surgical hospitals*	*2*	*2*	*76.7*	*.0531*	*100*
Kalamazoo	**All mfg.**	**194**	**57**	**2,616.7**	**.1344**	**77**
2621	Paper mills, except building paper	4	4	379.2	1.8178	100
2834	Pharmaceutical preparations	2	1	362.2	2.0176	97
3079	Miscellaneous plastics products	12	3	83.8	.2803	71
3465	Automotive stampings	1	1	136.1	1.5881	100
8062	*General medical & surgical hospitals*	*5*	*4*	*224.8*	*.1556*	*99*
8221	*Colleges & universities n.e.c.*	*3*	*1*	*63.8*	*.3102*	*93*
Kalkaska	**All mfg.**	**6**	**1**	**19.8**	**.0010**	**49**
Kent	**All mfg.**	**560**	**121**	**5,223.5**	**.3683**	**77**
2051	Bread, cake, & related products	9	4	81.1	.6488	81
2396	Automotive & apparel trimmings	3	2	594.9	25.3754	99
2511	Wood household furniture	11	5	69.8	1.1785	79
2521	Wood office furniture	5	2	227.7	17.9872	95
2522	Metal office furniture	2	2	330.5	10.1228	100
2531	Public-building & related furniture	4	2	101.7	7.3658	93
2841	Soap & other detergents	2	1	285.8	3.1804	98
3079	Miscellaneous plastics products	19	3	102.7	.3435	63
3354	Aluminum extruded products	3	2	131.1	4.6152	97
3429	Hardware n.e.c.	10	5	233.9	4.1840	95
3471	Plating & polishing	23	4	59.9	3.0886	55
3495	Wire springs	2	1	58.4	6.1133	94
3544	Special dies, tools, jigs, & fixtures	35	2	54.5	1.8309	44
3592	Carburetors, pistons, rings, & valves	1	1	166.0	7.0078	100
3631	Household cooking equipment	1	1	105.4	3.6840	100
3662	Radio & TV communication equipment	3	1	168.2	.5148	94
3714	Motor-vehicle parts & accessories	8	3	124.8	.2937	77
6025	*National banks, federal reserve system*	*4*	*2*	*162.7*	*.1520*	*96*
8062	*General medical & surgical hospitals*	*10*	*8*	*315.5*	*.2183*	*98*
Keweenaw	**All mfg.**	**4**		**11.9**	**.0006**	**0**
Lake	**All mfg.**	**1**		**.9**	**.0000**	**0**
Lapeer	**All mfg.**	**37**	**9**	**204.4**	**.0105**	**61**
Leelanau	**All mfg.**	**7**		**16.0**	**.0008**	**0**
Lenawee	**All mfg.**	**99**	**32**	**1,110.7**	**.0571**	**82**
3585	Refrigeration & heating equipment	4	3	232.2	1.8662	98
3714	Motor-vehicle parts & accessories	6	5	201.8	.4748	95
Livingston	**All mfg.**	**69**	**10**	**348.1**	**.0179**	**27**
Luce	**All mfg.**	**1**		**3.4**	**.0002**	**0**
Mackinac	**All mfg.**	**3**		**4.3**	**.0002**	**0**
Macomb	**All mfg.**	**804**	**126**	**7,023.8**	**.3608**	**78**
3079	Miscellaneous plastics products	47	11	304.3	1.0179	63
3452	Bolts, nuts, rivets, & washers	15	3	71.1	1.7163	54
3462	Iron & steel forgings	15	3	71.1	1.9394	56
3465	Automotive stampings	29	10	1,075.1	12.5449	94
3469	Metal stampings n.e.c.	25	2	64.4	1.0107	21
3541	Metal-cutting machine tools	28	7	146.6	3.9568	75
3544	Special dies, tools, jigs, & fixtures	121	11	157.8	5.3014	40
3545	Machine-tool accessories	36	4	96.7	3.9613	51
3599	Machinery, except electrical, n.e.c.	52	4	119.5	1.3443	23
3711	Motor vehicles & passenger-car bodies	5	2	687.0	.6766	96

DEFINITIONS: **SIC Industry:** Classification by primary product or service. **Total Establishments:** Those with 20 or more employees. **Large Establishments:** Those with 100 or more employees. **Shipments/Receipts:** Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.:** Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments:** Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.:** Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.:** Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship/ Recpt	% In Large Estab
3713	Truck & bus bodies	6	2	148.2	5.9664	96
3714	Motor-vehicle parts & accessories	30	13	2,038.6	4.7968	95
3795	Tanks & tank components	3	2	399.3	29.6437	99
8062	*General medical & surgical hospitals*	*8*	*7*	*162.4*	*.1124*	*97*
Manistee	**All mfg.**	**16**	**6**	**206.2**	**.0106**	**92**
Marquette	**All mfg.**	**21**	**4**	**86.5**	**.0044**	**37**
1011	*Iron-ore mining*	*9*	*6*	*247.7*	*12.5475*	*90*
8062	*General medical & surgical hospitals*	*3*	*3*	*63.4*	*.0439*	*100*
Mason	**All mfg.**	**35**	**7**	**210.8**	**.0108**	**56**
Mecosta	**All mfg.**	**15**	**4**	**63.5**	**.0033**	**54**
Menominee	**All mfg.**	**37**	**10**	**309.1**	**.0159**	**72**
Midland	**All mfg.**	**30**	**13**	**2,283.0**	**.1173**	**98**
2812	Alkalies & chlorine	1	1	110.8	7.6886	100
2819	Industrial inorganic chemicals n.e.c.	1	1	101.1	.8635	100
2821	Plastics materials & synthetic resins	2	2	589.9	3.3719	100
2822	Synthetic rubber	3	3	377.6	12.2058	100
2869	Industrial organic chemicals n.e.c.	1	1	886.3	2.4104	100
3079	Miscellaneous plastics products	3	2	98.8	.3305	96
Missaukee	**All mfg.**	**4**		**10.3**	**.0005**	**0**
Monroe	**All mfg.**	**44**	**11**	**425.8**	**.0219**	**82**
Montcalm	**All mfg.**	**32**	**10**	**611.6**	**.0314**	**69**
3632	Household refrigerators & freezers	2	2	243.3	7.8840	100
8062	*General medical & surgical hospitals*	*6*	*4*	*51.5*	*.0356*	*88*
Montmorency	**All mfg.**	**6**	**1**	**19.6**	**.0010**	**69**
Muskegon	**All mfg.**	**153**	**41**	**2,147.3**	**.1103**	**84**
2522	Metal office furniture	3	2	136.9	4.1931	98
3321	Gray-iron foundries	2	1	103.3	1.3230	97
3369	Nonferrous foundries n.e.c.	2	2	66.8	7.2783	100
3592	Carburetors, pistons, rings, & valves	3	2	200.1	8.4473	97
3724	Aircraft engines & engine parts	2	1	280.3	1.8465	95
3949	Sporting & athletic goods n.e.c.	1	1	52.2	1.7866	100
Newaygo	**All mfg.**	**12**	**3**	**139.6**	**.0072**	**81**
Oakland	**All mfg.**	**1,201**	**194**	**17,511.7**	**.8995**	**87**
1611	*Highway & street construction*	*12*	*6*	*172.7*	*1.0843*	*89*
1629	*Heavy construction n.e.c.*	*9*	*3*	*97.3*	*.4110*	*80*
2013	Sausages & other prepared meats	2	1	351.9	3.3098	99
2085	Distilled liquor, except brandy	1	1	216.5	5.1556	100
2711	Newspapers	8	3	73.4	.3441	84
2899	Chemical preparations n.e.c.	12	3	116.6	2.0686	77
3079	Miscellaneous plastics products	56	10	276.6	.9253	50
3317	Steel pipe & tubes	5	3	52.1	1.5882	95
3442	Metal doors, sash, & trim	18	4	93.5	2.1683	73
3444	Sheet-metal work	14	5	48.3	.8412	73
3451	Screw-machine products	27	1	46.3	2.2788	9
3462	Iron & steel forgings	19	2	65.7	1.7921	19
3465	Automotive stampings	16	5	143.0	1.6686	70
3469	Metal stampings n.e.c.	26	7	140.3	2.2018	61
3523	Farm machinery & equipment	2	2	176.0	1.8695	100
3535	Conveyors & conveying equipment	12	3	56.9	2.8366	57
3541	Metal-cutting machine tools	56	6	177.4	4.7881	50
3544	Special dies, tools, jigs, & fixtures	109	10	143.0	4.8041	37
3545	Machine-tool accessories	54	10	135.5	5.5508	54
3559	Special-industry machinery n.e.c.	20	7	78.5	1.8147	75
3573	Electronic computing equipment	4	2	152.2	.3868	92
3599	Machinery, except electrical, n.e.c.	67	7	163.4	1.8381	29
3711	Motor vehicles & passenger-car bodies	5	4	11,377.3	11.2057	100
3713	Truck & bus bodies	4	3	398.2	16.0312	100
3714	Motor-vehicle parts & accessories	26	11	447.0	1.0518	86
3811	Engineering & scientific instruments	8	2	46.8	1.7433	84
5084	*Industrial-machinery distributors*	*50*	*3*	*496.8*	*1.3124*	*20*
5085	*Industrial-supply distributors*	*39*	*2*	*375.2*	*1.1198*	*21*
8062	*General medical & surgical hospitals*	*12*	*10*	*511.7*	*.3541*	*98*
Oceana	**All mfg.**	**13**	**4**	**77.8**	**.0040**	**70**
Ogemaw	**All mfg.**	**16**	**1**	**173.6**	**.0089**	**3**
Ontonagon	**All mfg.**	**5**	**4**	**667.9**	**.0343**	**100**
3331	Primary copper	1	1	335.2	6.4103	100
3351	Copper rolling & drawing	1	1	277.4	5.9949	100
Osceola	**All mfg.**	**16**	**7**	**211.6**	**.0109**	**85**
Oscoda	**All mfg.**	**5**		**16.8**	**.0009**	**0**
Otsego	**All mfg.**	**13**	**2**	**46.3**	**.0024**	**48**
Ottawa	**All mfg.**	**211**	**60**	**1,546.0**	**.0794**	**76**
Presque Isle	**All mfg.**	**4**	**1**	**26.8**	**.0014**	**83**
Roscommon	**All mfg.**	**9**	**1**	**25.2**	**.0013**	**52**
Saginaw	**All mfg.**	**136**	**36**	**2,803.2**	**.1440**	**88**
3321	Gray-iron foundries	1	1	297.3	3.8077	100
3322	Malleable-iron foundries	1	1	80.2	18.1942	100
3714	Motor-vehicle parts & accessories	6	6	1,388.2	3.2664	100
8062	*General medical & surgical hospitals*	*6*	*6*	*181.1*	*.1253*	*100*
St. Clair	**All mfg.**	**98**	**25**	**925.1**	**.0475**	**76**
3351	Copper rolling & drawing	1	1	212.1	4.5837	100
8062	*General medical & surgical hospitals*	*4*	*3*	*50.3*	*.0348*	*94*
St. Joseph	**All mfg.**	**99**	**27**	**809.3**	**.0416**	**72**
2591	Drapery hardware & blinds & shades	1	1	111.6	8.8649	100
Sanilac	**All mfg.**	**39**	**15**	**249.0**	**.0128**	**75**
Schoolcraft	**All mfg.**	**4**	**2**	**43.1**	**.0022**	**90**
Shiawassee	**All mfg.**	**54**	**15**	**488.0**	**.0251**	**80**
3621	Motors & generators	3	3	79.1	1.2914	100
3714	Motor-vehicle parts & accessories	5	4	159.5	.3753	95
Tuscola	**All mfg.**	**32**	**8**	**358.5**	**.0184**	**84**
8062	*General medical & surgical hospitals*	*3*	*2*	*51.6*	*.0357*	*91*
Van Buren	**All mfg.**	**56**	**16**	**379.7**	**.0195**	**61**
Washtenaw	**All mfg.**	**182**	**53**	**5,214.3**	**.2678**	**93**
1629	*Heavy construction n.e.c.*	*1*	*1*	*258.8*	*1.0931*	*100*
3079	Miscellaneous plastics products	14	5	120.4	.4028	81
3711	Motor vehicles & passenger-car bodies	2	2	2,354.8	2.3193	100
3714	Motor-vehicle parts & accessories	11	10	1,828.6	4.3026	100
7372	*Computer programming & software*	*7*	*3*	*74.8*	*.7935*	*83*
8062	*General medical & surgical hospitals*	*7*	*7*	*397.2*	*.2749*	*100*
8221	*Colleges & universities n.e.c.*	*3*	*2*	*154.0*	*.7487*	*99*
Wayne	**All mfg.**	**1,725**	**333**	**32,085.9**	**1.6481**	**88**
1623	*Pipe- & utility-line construction*	*8*	*2*	*72.4*	*1.2594*	*75*
1629	*Heavy construction n.e.c.*	*10*	*3*	*98.6*	*.4165*	*77*
2011	Meat-packing plants	12	6	755.4	1.7108	91
2051	Bread, cake, & related products	20	4	160.1	1.2807	78
2082	Malt beverages	1	1	428.8	3.5928	100
2086	Bottled & canned soft drinks	11	5	211.9	1.2363	87
2099	Food preparations n.e.c.	13	3	153.3	1.6765	66
2396	Automotive & apparel trimmings	4	1	155.1	6.6158	94
2653	Corrugated & solid fiber boxes	12	4	100.6	.9734	69
2711	Newspapers	20	4	357.4	1.6755	87
2751	Letterpress commercial printing	40	5	59.2	1.2411	47
2752	Lithographic commercial printing	31	5	211.3	1.4306	48
2812	Alkalies & chlorine	3	2	133.3	9.2499	99
2821	Plastics materials & synthetic resins	5	3	233.5	1.3347	96
2851	Paints & allied products	20	2	203.1	2.2749	48
3079	Miscellaneous plastics products	36	4	155.5	.5202	45
3231	Products of purchased glass	5	4	87.8	3.4149	97
3312	Blast furnaces & steel mills	9	5	1,567.0	4.1631	99
3316	Cold-rolled steel sheet, strip, & bars	16	7	132.0	6.0167	83
3398	Metal heat treating	23	5	99.8	9.4391	56
3432	Plumbing fittings & brass goods	3	3	68.5	4.9703	100
3441	Fabricated structural metal	28	4	156.8	1.9091	61
3443	Fabricated plate work (boiler shops)	14	2	79.7	.8350	65
3444	Sheet-metal work	22	8	76.0	1.3237	70
3451	Screw-machine products	45	3	78.6	3.8685	24
3452	Bolts, nuts, rivets, & washers	23	6	155.2	3.7463	71
3462	Iron & steel forgings	30	6	225.6	6.1538	70
3465	Automotive stampings	32	12	1,734.5	20.2392	95
3469	Metal stampings n.e.c.	33	8	159.7	2.5063	62
3471	Plating & polishing	35	2	45.9	2.3667	14
3519	Internal-combustion engines n.e.c.	5	5	902.5	10.0441	100
3523	Farm machinery & equipment	5	4	232.4	2.4686	99
3535	Conveyors & conveying equipment	18	7	78.2	3.8985	74
3541	Metal-cutting machine tools	46	4	108.8	2.9366	33
3544	Special dies, tools, jigs, & fixtures	122	7	186.6	6.2689	44
3545	Machine-tool accessories	48	5	103.1	4.2235	38
3559	Special-industry machinery n.e.c.	20	4	70.2	1.6229	61
3567	Industrial-process furnaces & ovens	12	3	38.4	4.4865	68
3568	Power-transmission equipment n.e.c.	7	3	76.8	4.1956	92
3569	General industrial machinery n.e.c.	13	5	58.2	1.7800	75
3573	Electronic computing equipment	4	1	258.4	.6567	95
3599	Machinery, except electrical, n.e.c.	61	3	125.1	1.4073	18
3711	Motor vehicles & passenger-car bodies	14	12	12,030.2	11.8488	100
3713	Truck & bus bodies	2	1	74.8	3.0114	98
3714	Motor-vehicle parts & accessories	54	19	3,855.6	9.0721	96
4011	*Line-haul-operating railroads*	*9*	*7*	*245.6*	*1.7242*	*98*
4911	*Electric services*	*2*	*1*	*1,844.2*	*3.0418*	*100*
4922	*Natural-gas transmission*	*4*	*3*	*904.4*	*6.6758*	*99*
4923	*Gas transmission & distribution*	*2*	*1*	*561.5*	*5.0182*	*99*
5051	*Metals service centers & sales offices*	*37*	*7*	*1,718.3*	*3.1351*	*60*
5084	*Industrial-machinery distributors*	*45*		*332.9*	*.8794*	*0*
5085	*Industrial-supply distributors*	*49*	*1*	*463.0*	*1.3819*	*13*
6025	*National banks, federal reserve system*	*10*	*7*	*2,048.0*	*1.9134*	*99*
7011	*Hotels, motels, & tourist courts*	*18*	*5*	*125.2*	*.7181*	*86*
7372	*Computer programming & software*	*5*	*1*	*202.9*	*2.1525*	*94*
8062	*General medical & surgical hospitals*	*49*	*47*	*2,198.9*	*1.5216*	*100*
8221	*Colleges & universities n.e.c.*	*10*	*3*	*147.4*	*.7166*	*87*
Wexford	**All mfg.**	**32**	**9**	**257.1**	**.0132**	**51**
STATE TOTAL	**All mfg.**	**7,696**	**1,640**	**128,251.9**	**6.5876**	**87**

MINNESOTA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship/ Recpt	% In Large Estab
Aitkin	**All mfg.**	**12**	**3**	**166.1**	**.0085**	**85**
Anoka	**All mfg.**	**58**	**17**	**617.6**	**.0317**	**82**
3444	Sheet-metal work	4	1	53.4	.9301	89
3482	Small-arms ammunition	1	1	63.7	7.7901	100
3621	Motors & generators	1	1	80.3	1.3110	100
Becker	**All mfg.**	**7**	**4**	**118.4**	**.0061**	**89**
Beltrami	**All mfg.**	**8**	**1**	**87.6**	**.0045**	**69**
Benton	**All mfg.**	**44**	**12**	**369.1**	**.0190**	**70**
3632	Household refrigerators & freezers	1	1	118.2	3.8302	100
Big Stone	**All mfg.**	**4**		**17.4**	**.0009**	**0**

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt	% In Large Estab.
		Total	Large			
MINNESOTA (cont.)						
Blue Earth	**All mfg.**	**47**	**16**	**718.0**	**.0369**	**74**
2751	Letterpress commercial printing	1	1	24.8	.5199	[illegible]
Brown	**All mfg.**	**28**	**5**	**547.4**	**.0281**	[illegible]
Carlton	**All mfg.**	**7**	**5**	**305.3**	**.0157**	**99**
2621	Paper mills, except building paper	1	1	229.6	1.1007	100
Carver	**All mfg.**	**33**	**7**	**253.0**	**.0130**	**63**
Cass	**All mfg.**	**4**	**1**	**15.8**	**.0008**	**28**
Chippewa	**All mfg.**	**7**	**1**	**45.3**	**.0023**	**35**
Chisago	**All mfg.**	**14**	**2**	**78.4**	**.0040**	**48**
Clay	**All mfg.**	**9**	**2**	**75.8**	**.0039**	**58**
Clearwater	**All mfg.**	**5**		**20.0**	**.0010**	**0**
Cook	**All mfg.**	**1**		**2.8**	**.0001**	**0**
Cottonwood	**All mfg.**	**8**	**2**	**52.3**	**.0027**	**31**
Crow Wing	**All mfg.**	**22**	**3**	**201.2**	**.0103**	**63**
8062	*General medical & surgical hospitals*	*3*	*3*	*54.3*	*.0376*	*100*
Dakota	**All mfg.**	**76**	**18**	**657.0**	**.0337**	**64**
2645	Die-cut paper & board	4	2	87.8	7.0139	94
Dodge	**All mfg.**	**8**	**1**	**49.5**	**.0025**	**30**
Douglas	**All mfg.**	**14**	**3**	**154.9**	**.0080**	**69**
Faribault	**All mfg.**	**19**	**8**	**148.5**	**.0076**	**82**
Fillmore	**All mfg.**	**9**	**4**	**70.2**	**.0036**	**58**
Freeborn	**All mfg.**	**29**	**7**	**794.9**	**.0408**	**88**
2011	Meat-packing plants	1	1	473.1	1.0714	100
Goodhue	**All mfg.**	**38**	**15**	**516.7**	**.0265**	**76**
Hennepin	**All mfg.**	**1,086**	**295**	**11,587.7**	**.5952**	**76**
1611	*Highway & street construction*	*7*	*3*	*383.5*	*2.4078*	*96*
1629	*Heavy construction n.e.c.*	*10*	*4*	*157.3*	*.6644*	*79*
2041	Flour & other grain-mill products	6	3	634.2	12.2371	95
2051	Bread, cake, & related products	9	4	231.4	1.8511	92
2086	Bottled & canned soft drinks	3	2	207.0	1.2077	98
2431	Millwork	14	2	69.3	1.3984	48
2439	Structural wood members n.e.c.	3	2	40.5	5.0173	96
2711	Newspapers	6	2	182.4	.8551	93
2751	Letterpress commercial printing	47	7	92.6	1.9414	54
2752	Lithographic commercial printing	19	4	189.9	1.2857	65
3069	Fabricated rubber products n.e.c.	12	2	86.9	1.5238	74
3079	Miscellaneous plastics products	43	11	253.5	.8480	64
3361	Aluminum foundries	7	4	120.3	3.8323	94
3469	Metal stampings n.e.c.	25	7	106.9	1.6777	54
3483	Ammunition, except small-arms, n.e.c.	1	1	176.3	13.9776	100
3524	Lawn & garden equipment	2	1	96.4	6.9533	98
3531	Construction machinery	8	3	108.5	.9003	77
3532	Mining machinery	1	1	40.6	2.2639	100
3535	Conveyors & conveying equipment	9	5	86.6	4.3173	88
3563	Air & gas compressors	3	2	95.7	3.6454	97
3569	General industrial machinery n.e.c.	7	4	45.9	1.4038	83
3573	Electronic computing equipment	30	16	1,250.3	3.1776	93
3585	Refrigeration & heating equipment	3	1	116.0	.9323	95
3589	Service-industry machinery n.e.c.	4	3	93.9	4.3048	96
3599	Machinery, except electrical, n.e.c.	55	5	180.8	2.0339	41
3631	Household cooking equipment	2	1	214.7	7.5044	98
3679	Electronic components n.e.c.	15	5	115.0	.9300	76
3714	Motor-vehicle parts & accessories	7	4	255.6	.6014	92
3728	Aircraft equipment n.e.c.	2	1	78.1	.8256	97
3769	Space-vehicle equipment n.e.c.	1	1	101.8	6.4857	100
3811	Engineering & scientific instruments	6	3	48.9	1.8215	89
3822	Environmental controls	5	3	251.0	15.9507	98
3823	Industrial process-control instruments	4	2	110.4	3.2379	96
3841	Surgical & medical instruments	6	3	55.5	1.8291	82
3842	Surgical appliances & supplies	6	2	105.9	2.3768	85
3851	Ophthalmic goods	4	2	56.2	5.2460	95
3861	Photographic equipment & supplies	6	1	365.5	2.0169	86
3944	Games, toys, & children's vehicles	3	2	108.3	2.4686	98
3993	Signs & advertising displays	14	3	34.6	2.0641	60
4011	*Line-haul-operating railroads*	*6*	*3*	*250.4*	*1.7579*	*97*
4931	*Electric & other services combined*	*1*	*1*	*239.2*	*.7141*	*100*
5081	*Commercial-equipment wholesalers*	*21*	*3*	*177.0*	*1.4182*	*54*
5084	*Industrial-machinery distributors*	*52*	*1*	*485.9*	*1.2836*	*8*
5085	*Industrial-supply distributors*	*54*	*1*	*396.8*	*1.1843*	*7*
6025	*National banks, federal reserve system*	*25*	*5*	*678.1*	*.6335*	*86*
7011	*Hotels, motels, & tourist courts*	*34*	*5*	*99.1*	*.5684*	*54*
7372	*Computer programming & software*	*18*	*7*	*557.0*	*5.9089*	*95*
7374	*Data-processing services*	*13*	*2*	*93.6*	*1.4487*	*78*
8062	*General medical & surgical hospitals*	*13*	*12*	*954.6*	*.6606*	*100*
8221	*Colleges & universities n.e.c.*	*4*	*1*	*154.1*	*.7492*	*96*
Houston	**All mfg.**	**4**	**1**	**18.8**	**.0010**	**52**
Hubbard	**All mfg.**	**4**		**5.8**	**.0003**	**0**
Isanti	**All mfg.**	**17**	**2**	**66.3**	**.0034**	**32**
Itasca	**All mfg.**	**16**	**4**	**245.8**	**.0126**	**79**
1011	*Iron-ore mining*	*9*	*7*	*238.6*	*12.0865*	*94*
Jackson	**All mfg.**	**6**	**3**	**63.7**	**.0033**	**85**
Kanabec	**All mfg.**	**2**	**1**	**28.8**	**.0015**	**89**
Kandiyohi	**All mfg.**	**21**	**2**	**98.4**	**.0051**	**28**
Kittson	**All mfg.**	**1**		**6.0**	**.0003**	**0**
Koochiching	**All mfg.**	**10**	**3**	**144.2**	**.0074**	**81**
Lac qui Parle	**All mfg.**	**7**	**1**	**270.6**	**.0139**	**69**
Lake	**All mfg.**	**5**	**2**	**41.8**	**.0021**	**50**
1011	*Iron-ore mining*	*1*	*1*	*143.8*	*7.2843*	*100*
Lake of the Woods	**All mfg.**	**2**	**1**	**14.6**	**.0007**	**86**
Le Sueur	**All mfg.**	**23**	**5**	**274.9**	**.0141**	**76**
2033	Canned fruits & vegetables	2	1	156.1	1.7056	96
Lyon	**All mfg.**	**22**	**8**	**241.9**	**.0124**	**74**
McLeod	**All mfg.**	**29**	**9**	**496.8**	**.0255**	**84**
2641	Paper coating & glazing	1	1	248.8	4.3989	100
Marshall	**All mfg.**	**1**	**1**	**49.7**	**.0026**	**100**
Martin	**All mfg.**	**20**	**6**	**290.6**	**.0149**	**81**
Meeker	**All mfg.**	**16**	**5**	**152.6**	**.0078**	**64**
Mille Lacs	**All mfg.**	**15**	**3**	**61.0**	**.0031**	**30**
Morrison	**All mfg.**	**14**	**3**	**100.0**	**.0051**	**63**
2322	Men's & boys' underwear	1	1	22.4	5.4329	100
Mower	**All mfg.**	**14**	**3**	**438.4**	**.0225**	**87**
2011	Meat-packing plants	1	1	347.0	.7859	100
Murray	**All mfg.**	**2**		**16.7**	**.0009**	**0**
Nicollet	**All mfg.**	**6**	**2**	**41.4**	**.0021**	**58**
Nobles	**All mfg.**	**12**	**2**	**176.2**	**.0091**	**78**
2017	Poultry & egg processing	1	1	34.8	2.5543	100
Norman	**All mfg.**	**1**		**2.4**	**.0001**	**0**
Olmsted	**All mfg.**	**31**	**11**	**643.9**	**.0331**	**86**
3573	Electronic computing equipment	1	1	240.7	.6117	100
7011	*Hotels, motels, & tourist courts*	*10*	*3*	*45.0*	*.2581*	*77*
8062	*General medical & surgical hospitals*	*4*	*4*	*270.6*	*.1873*	*100*
Otter Tail	**All mfg.**	**21**	**7**	**273.4**	**.0140**	**67**
Pennington	**All mfg.**	**7**	**1**	**78.9**	**.0041**	**66**
Pine	**All mfg.**	**7**		**50.1**	**.0026**	**0**
Pipestone	**All mfg.**	**4**	**1**	**46.5**	**.0024**	**42**
Polk	**All mfg.**	**12**	**3**	**294.1**	**.0151**	**83**
Pope	**All mfg.**	**4**		**7.9**	**.0004**	**0**
Ramsey	**All mfg.**	**407**	**120**	**7,895.5**	**.4055**	**86**
2082	Malt beverages	2	2	371.8	3.1152	100
2641	Paper coating & glazing	3	1	262.2	4.6358	97
2711	Newspapers	5	3	108.2	.5073	95
2721	Periodicals	8	1	136.1	1.2668	80
2731	Book publishing	3	1	200.3	2.6379	97
2751	Letterpress commercial printing	20	6	53.4	1.1195	74
2752	Lithographic commercial printing	6	4	161.7	1.0947	96
2844	Toilet preparations	4	2	179.2	2.0447	91
3079	Miscellaneous plastics products	16	3	139.9	.4680	77
3441	Fabricated structural metal	8	3	75.5	.9193	79
3531	Construction machinery	4	2	220.4	1.8288	96
3573	Electronic computing equipment	9	5	1,656.6	4.2102	99
3632	Household refrigerators & freezers	1	1	170.6	5.5282	100
3711	Motor vehicles & passenger-car bodies	2	1	638.9	.6293	98
4011	*Line-haul-operating railroads*	*5*	*2*	*1,377.6*	*9.6713*	*100*
8062	*General medical & surgical hospitals*	*10*	*10*	*410.4*	*.2840*	*100*
8221	*Colleges & universities n.e.c.*	*11*	*3*	*52.0*	*.2528*	*72*
Red Lake	**All mfg.**	**2**	**1**	**19.3**	**.0010**	**81**
Redwood	**All mfg.**	**10**	**1**	**63.2**	**.0032**	**28**
Renville	**All mfg.**	**15**	**3**	**155.6**	**.0080**	**58**
Rice	**All mfg.**	**29**	**9**	**284.1**	**.0146**	**58**
8062	*General medical & surgical hospitals*	*4*	*3*	*66.1*	*.0457*	*95*
Rock	**All mfg.**	**8**	**2**	**80.1**	**.0041**	**73**
Roseau	**All mfg.**	**3**	**2**	**84.0**	**.0043**	**98**
St. Louis	**All mfg.**	**105**	**23**	**833.1**	**.0428**	**65**
1011	*Iron ore mining*	*19*	*14*	*849.2*	*43.0171*	*96*
2038	Frozen food specialties	2	1	186.0	3.9957	98
4911	*Electric services*	*3*	*1*	*206.5*	*.3406*	*91*
8062	*General medical & surgical hospitals*	*8*	*6*	*178.1*	*.1232*	*96*
Scott	**All mfg.**	**33**	**12**	**302.2**	**.0155**	**72**
Sherburne	**All mfg.**	**19**	**3**	**68.4**	**.0035**	**54**
8062	*General medical & surgical hospitals*	*2*	*2*	*103.8*	*.0718*	*100*
Sibley	**All mfg.**	**6**	**2**	**38.8**	**.0020**	**51**
Stearns	**All mfg.**	**29**	**14**	**383.9**	**.0197**	**75**
Steele	**All mfg.**	**38**	**10**	**341.2**	**.0175**	**78**
3423	Hand & edge tools n.e.c.	1	1	60.5	2.0915	100
Stevens	**All mfg.**	**7**		**21.7**	**.0011**	**0**
Swift	**All mfg.**	**7**	**1**	**49.2**	**.0025**	**53**
Todd	**All mfg.**	**15**	**2**	**98.4**	**.0051**	**27**
Wabasha	**All mfg.**	**14**	**4**	**112.5**	**.0058**	**42**

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

County SIC	Industry	Establishments Total	 Large	1983 (S&MM Est.) Shipments Receipts ($ Mil.)	 % Of U.S. Ship. Recpt.	 % In Large Estab.
Wadena	All mfg.	10	1	45.6	.0023	39
Waseca	All mfg.	10	3	159.5	.0082	88
Washington	All mfg.	25	7	686.2	.0352	92
2431	Millwork	3	1	195.9	3.9529	98
Watonwan	All mfg.	10	2	92.5	.0048	51
Wilkin	All mfg.	2		3.7	.0002	0
Winona	All mfg.	48	20	457.5	.0235	77
3469	Metal stampings n.e.c.	1	1	86.5	1.3575	100
Wright	All mfg.	29	5	155.4	.0080	53
4912	*Nuclear power*	*1*	*1*	*189.1*	*1.3887*	*100*
Yellow Medicine	All mfg.	4	3	67.3	.0035	97
STATE TOTAL	All mfg.	2,838	772	34,912.0	1.7932	77

MISSISSIPPI

County SIC	Industry	Establishments Total	 Large	1983 (S&MM Est.) Shipments Receipts ($ Mil.)	 % Of U.S. Ship. Recpt.	 % In Large Estab.
Adams	All mfg.	22	4	422.3	.0217	83
2611	Pulp mills	1	1	175.7	5.5153	100
3011	Tires & inner tubes	1	1	138.0	1.3142	100
Alcorn	All mfg.	32	16	573.4	.0295	89
3661	Telephone & telegraph apparatus	1	1	222.8	1.3929	100
Amite	All mfg.	5	2	44.7	.0023	72
Attala	All mfg.	19	4	90.2	.0046	41
Benton	All mfg.	3	1	14.6	.0007	27
Bolivar	All mfg.	14	7	220.2	.0113	89
Calhoun	All mfg.	17	6	94.3	.0048	75
Carroll	All mfg.	1		2.8	.0001	0
Chickasaw	All mfg.	35	12	225.9	.0116	71
2512	Upholstered wood household furniture	15	2	86.4	1.9676	61
Choctaw	All mfg.	10	6	88.1	.0045	87
Claiborne	All mfg.	10	4	84.7	.0044	56
Clarke	All mfg.	15	5	111.4	.0057	70
Clay	All mfg.	17	6	679.3	.0349	96
2011	Meat packing plants	1	1	513.5	1.1629	100
3443	Fabricated plate work (boiler shops)	1	1	80.6	.8444	100
Coahoma	All mfg.	22	7	366.2	.0188	65
Copiah	All mfg.	22	12	177.9	.0091	80
Covington	All mfg.	7	4	123.9	.0064	95
De Soto	All mfg.	47	14	383.2	.0197	63
3534	Elevators & moving stairways	1	1	35.5	6.0892	100
Forrest	All mfg.	38	13	506.1	.0260	85
8062	*General medical & surgical hospitals*	*2*	*2*	*62.9*	*.0435*	*100*
Franklin	All mfg.	6		21.6	.0011	0
George	All mfg.	6	1	12.6	.0006	43
Greene	All mfg.	2	1	9.0	.0005	87
Grenada	All mfg.	26	6	316.5	.0163	79
3585	Refrigeration & heating equipment	1	1	120.6	.9693	100
Hancock	All mfg.	14	6	176.2	.0091	76
Harrison	All mfg.	78	25	604.1	.0310	64
8062	*General medical & surgical hospitals*	*5*	*4*	*175.4*	*.1214*	*99*
Hinds	All mfg.	184	52	1,746.3	.0897	71
2517	Wood TV & radio cabinets	1	1	48.4	14.2269	100
3561	Pumps & pumping equipment	1	1	86.3	1.6320	100
3613	Switchgear & switchboard apparatus	2	2	63.4	1.4363	100
3714	Motor vehicle parts & accessories	5	4	234.9	.5527	99
4911	*Electric services*	*1*	*1*	*196.1*	*.3234*	*100*
6025	*National banks, federal reserve system*	*2*	*2*	*258.0*	*.2410*	*100*
7011	*Hotels, motels, & tourist courts*	*17*	*2*	*42.8*	*.2455*	*43*
8062	*General medical & surgical hospitals*	*6*	*5*	*236.3*	*.1635*	*98*
Holmes	All mfg.	12	4	82.2	.0042	73
Humphreys	All mfg.	7	4	70.4	.0036	86
Itawamba	All mfg.	19	11	159.3	.0082	86
Jackson	All mfg.	55	18	2,670.8	.1372	93
2621	Paper mills, except building paper	1	1	183.2	.8782	100
3731	Ship building & repairing	10	7	632.2	7.1235	98
Jasper	All mfg.	8	2	53.6	.0028	58
Jefferson	All mfg.	4	1	29.6	.0015	38
Jefferson Davis	All mfg.	3	1	12.1	.0006	35
Jones	All mfg.	45	12	476.9	.0245	48
2499	Wood products n.e.c.	2	1	70.5	2.0798	95
Kemper	All mfg.	8	3	33.7	.0017	63
Lafayette	All mfg.	7	4	121.2	.0062	86
Lamar	All mfg.	11	5	426.8	.0219	81
Lauderdale	All mfg.	67	16	395.2	.0203	55
8062	*General medical & surgical hospitals*	*6*	*6*	*161.6*	*.1118*	*100*
Lawrence	All mfg.	8	4	136.5	.0070	93
Leake	All mfg.	13	7	107.9	.0055	83
Lee	All mfg.	84	35	912.3	.0469	82
2311	Men's & boys' suits & coats	3	3	41.4	1.2921	100
2512	Upholstered wood household furniture	9	4	62.2	1.4165	80
8062	*General medical & surgical hospitals*	*2*	*2*	*66.9*	*.0463*	*100*
Leflore	All mfg.	22	8	173.9	.0089	73
Lincoln	All mfg.	24	3	129.3	.0066	55
Lowndes	All mfg.	45	21	535.3	.0275	84
3621	Motors & generators	2	2	66.9	1.0923	100
Madison	All mfg.	34	12	270.7	.0139	77
Marion	All mfg.	14	4	95.1	.0049	62
8062	*General medical & surgical hospitals*	*1*	*1*	*176.0*	*.1218*	*100*
Marshall	All mfg.	12	6	88.6	.0046	85
Monroe	All mfg.	41	19	362.8	.0186	79
2327	Men's & boys' separate trousers	10	10	72.6	3.2064	100
Montgomery	All mfg.	11	4	65.2	.0033	55
Neshoba	All mfg.	13	11	161.4	.0083	99
Newton	All mfg.	17	7	129.3	.0066	72
Noxubee	All mfg.	8	5	46.5	.0024	68
Oktibbeha	All mfg.	18	7	159.5	.0082	70
Panola	All mfg.	31	10	154.9	.0080	70
Pearl River	All mfg.	23	5	117.2	.0060	50
Perry	All mfg.	4	2	28.3	.0015	81
Pike	All mfg.	24	9	267.3	.0137	75
3442	Metal doors, sash, & trim	1	1	60.9	1.4123	100
Pontotoc	All mfg.	28	14	190.9	.0098	77
2512	Upholstered wood household furniture	8	4	72.8	1.6579	87
Prentiss	All mfg.	23	13	195.1	.0100	84
Quitman	All mfg.	6	[illegible]	158.7	.0082	96
Rankin	All mfg.	17	9	185.9	.0095	83
8062	*General medical & surgical hospitals*	*2*	*2*	*81.0*	*.0561*	*100*
Scott	All mfg.	31	12	362.5	.0186	83
2016	Poultry-dressing plants	3	3	161.4	1.7535	100
2017	Poultry & egg processing	3	3	36.4	2.6718	100
Sharkey	All mfg.	3	2	32.6	.0017	90
Simpson	All mfg.	10	3	111.3	.0057	82
3612	Transformers	1	1	74.1	2.6653	100
Smith	All mfg.	15	7	123.9	.0064	80
Stone	All mfg.	8	2	89.6	.0046	71
Sunflower	All mfg.	16	7	111.4	.0057	77
Tallahatchie	All mfg.	7	3	22.8	.0012	62
Tate	All mfg.	5	4	100.9	.0052	98
Tippah	All mfg.	19	13	243.1	.0125	93
2512	Upholstered wood household furniture	3	2	58.6	1.3345	93
Tishomingo	All mfg.	19	8	146.6	.0075	70
Tunica	All mfg.	4	1	74.9	.0038	27
Union	All mfg.	23	8	215.3	.0111	81
2512	Upholstered wood household furniture	3	1	78.4	1.7854	97
Walthall	All mfg.	6		14.4	.0007	0
Warren	All mfg.	32	10	526.9	.0271	50
3731	Ship building & repairing	3	1	60.3	.6795	89
Washington	All mfg.	56	19	670.3	.0344	71
Wayne	All mfg.	11	4	102.8	.0053	63
Webster	All mfg.	13	8	73.4	.0038	87
Wilkinson	All mfg.	4	1	17.3	.0009	71
Winston	All mfg.	16	7	160.7	.0083	86
Yalobusha	All mfg.	6	4	181.5	.0093	97
3592	Carburetors, pistons, rings, & valves	1	1	116.2	4.9054	100
Yazoo	All mfg.	14	4	300.1	.0154	71
STATE TOTAL	All mfg.	1,736	640	19,982.2	1.0264	78

MISSOURI

County SIC	Industry	Establishments Total	 Large	1983 (S&MM Est.) Shipments Receipts ($ Mil.)	 % Of U.S. Ship. Recpt.	 % In Large Estab.
Adair	All mfg.	9	6	105.7	.0054	94
Atchison	All mfg.	3	1	194.4	.0100	97
Audrain	All mfg.	19	5	334.0	.0172	46
3255	Clay refractories	5	4	147.0	17.4771	96
Barry	All mfg.	25	9	236.9	.0122	78
Barton	All mfg.	3	2	47.9	.0025	95
Bates	All mfg.	3	1	16.0	.0008	31
Benton	All mfg.	4	1	14.6	.0007	61
Bollinger	All mfg.	4	2	19.8	.0010	82
Boone	All mfg.	38	6	354.0	.0182	63
3644	Non-current-carrying wiring devices	1	1	138.1	5.4095	100
8062	*General medical & surgical hospitals*	*5*	*5*	*211.7*	*.1465*	*100*
8221	*Colleges & universities n.e.c.*	*2*	*2*	*64.1*	*.3116*	*100*
Buchanan	All mfg.	79	34	1,479.2	.0760	82
2648	Stationery products	1	1	90.0	9.1724	100
8062	*General medical & surgical hospitals*	*2*	*2*	*109.8*	*.0760*	*100*
Butler	All mfg.	19	6	91.5	.0047	58
8062	*General medical & surgical hospitals*	*4*	*4*	*56.7*	*.0392*	*100*
Caldwell	All mfg.	1	1	8.8	.0005	100
Callaway	All mfg.	8	3	51.3	.0026	64
8062	*General medical & surgical hospitals*	*2*	*2*	*70.3*	*.0486*	*100*
Camden	All mfg.	8	1	27.8	.0014	47
Cape Girardeau	All mfg.	51	12	643.0	.0330	80
2647	Sanitary paper products	1	1	335.2	3.5214	100
Carroll	All mfg.	5	2	92.9	.0048	95
Carter	All mfg.	4	1	17.0	.0009	52
Cass	All mfg.	12	1	46.5	.0024	52
Cedar	All mfg.	11	4	70.6	.0036	57
Chariton	All mfg.	2	1	14.3	.0007	42
Christian	All mfg.	11	2	61.8	.0032	72

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt	% In Large Estab.
		Total	Large			
MISSOURI (cont.)						
Clark	**All mfg.**	2		19.8	.0010	0
Clay	**All mfg.**	87	18	792.8	.0407	65
8062	*General medical & surgical hospitals*	4	3	77.0	.0533	95
Clinton	**All mfg.**	4	1	16.4	.0008	65
Cole	**All mfg.**	17	6	329.3	.0169	87
3612	Transformers	1	1	57.2	2.0574	100
8062	*General medical & surgical hospitals*	4	4	58.6	.0406	100
Cooper	**All mfg.**	12	5	77.6	.0040	53
Crawford	**All mfg.**	11	3	44.5	.0023	58
Dade	**All mfg.**	3		6.7	.0003	0
Dallas	**All mfg.**	1		1.7	.0001	0
Daviess	**All mfg.**	3	1	6.6	.0003	58
Dent	**All mfg.**	8	3	30.4	.0016	70
Douglas	**All mfg.**	5	2	45.0	.0023	81
Dunklin	**All mfg.**	12	7	167.0	.0086	89
3621	Motors & generators	1	1	61.6	1.0057	100
Franklin	**All mfg.**	72	21	402.4	.0207	61
Gasconade	**All mfg.**	21	3	91.5	.0047	48
Gentry	**All mfg.**	4	2	33.6	.0017	79
Greene	**All mfg.**	124	35	1,912.1	.0982	84
2022	Natural & processed cheese	2	2	496.3	5.1362	100
2654	Sanitary food containers	1	1	129.7	4.9544	100
3621	Motors & generators	1	1	53.6	.8751	100
3651	Radio & TV receiving sets	1	1	208.1	3.0586	100
3679	Electronic components n.e.c.	2	1	49.3	.3987	91
8062	*General medical & surgical hospitals*	4	4	182.2	.1261	100
Grundy	**All mfg.**	3	2	99.5	.0051	96
Harrison	**All mfg.**	3	1	15.1	.0008	38
Henry	**All mfg.**	11	3	174.5	.0090	79
Hickory	**All mfg.**	2		4.0	.0002	0
Holt	**All mfg.**	1	1	18.5	.0010	100
Howard	**All mfg.**	7	4	31.1	.0016	74
Howell	**All mfg.**	25	8	137.0	.0070	64
Iron	**All mfg.**	4	2	53.4	.0027	94
Jackson	**All mfg.**	552	116	10,425.1	.5355	83
1629	*Heavy construction n.e.c.*	6	3	86.5	.3653	78
2011	Meat-packing plants	4	3	490.2	1.1102	95
2051	Bread, cake, & related products	7	5	79.8	.6384	91
2337	Women's & misses' suits & coats	5	4	105.6	2.7110	94
2711	Newspapers	8	1	116.9	.5480	83
2771	Greeting-card publishing	2	1	652.6	29.3964	99
2834	Pharmaceutical preparations	5	3	156.6	.8723	97
2869	Industrial organic chemicals n.e.c.	3	1	426.4	1.1597	96
3079	Miscellaneous plastics products	30	6	150.3	.5028	62
3312	Blast furnaces & steel mills	1	1	465.4	1.2365	100
3315	Steel wire & related products	1	1	323.8	16.5610	100
3482	Small-arms ammunition	2	1	129.9	15.8860	98
3523	Farm machinery & equipment	4	2	141.4	1.5020	94
3531	Construction machinery	5	4	111.4	.9244	98
3661	Telephone & telegraph apparatus	1	1	534.9	3.3440	100
3711	Motor vehicles & passenger-car bodies	3	2	2,495.7	2.4581	100
3713	Truck & bus bodies	4	2	37.0	1.4896	95
4011	*Line-haul-operating railroads*	4	3	143.5	1.0074	99
4911	*Electric services*	1	1	433.9	.7157	100
4924	*Natural-gas distribution*	2	1	362.8	2.8945	98
5065	*Electronic-parts wholesalers*	6	3	471.2	2.6304	94
6025	*National banks, federal reserve system*	16	3	308.6	.2883	84
7011	*Hotels, motels, & tourist courts*	25	4	100.8	.5782	62
8062	*General medical & surgical hospitals*	18	16	671.2	.4645	99
Jasper	**All mfg.**	98	40	1,269.1	.0652	86
2328	Men's & boys' work clothing	2	2	71.4	1.4737	100
8062	*General medical & surgical hospitals*	4	4	71.0	.0491	100
Jefferson	**All mfg.**	34	12	502.0	.0258	86
Johnson	**All mfg.**	11	4	55.6	.0029	65
Knox	**All mfg.**	2		2.7	.0001	0
Laclede	**All mfg.**	23	6	153.4	.0079	61
Lafayette	**All mfg.**	21	4	79.9	.0041	38
Lawrence	**All mfg.**	26	8	244.8	.0126	67
Lewis	**All mfg.**	3	1	16.8	.0009	71
Lincoln	**All mfg.**	9	3	23.2	.0012	54
Linn	**All mfg.**	9	3	78.8	.0040	71
Livingston	**All mfg.**	12	3	81.1	.0042	51
McDonald	**All mfg.**	13	5	126.0	.0065	76
Macon	**All mfg.**	4	2	120.9	.0062	97
Madison	**All mfg.**	8	1	30.1	.0015	33
Maries	**All mfg.**	6	1	37.5	.0019	74
Marion	**All mfg.**	27	9	189.7	.0097	67
Miller	**All mfg.**	11	3	71.7	.0037	73
Mississippi	**All mfg.**	6	1	37.0	.0019	38
Moniteau	**All mfg.**	6	4	60.9	.0031	90
Monroe	**All mfg.**	3	2	22.3	.0011	96
Montgomery	**All mfg.**	13	2	45.5	.0023	30
Morgan	**All mfg.**	8	2	28.4	.0015	54
New Madrid	**All mfg.**	5	3	31.9	.0016	82
Newton	**All mfg.**	25	9	212.8	.0109	78
Nodaway	**All mfg.**	13	2	109.8	.0056	61
Oregon	**All mfg.**	7		22.2	.0011	0
Osage	**All mfg.**	7	1	22.5	.0012	44
Ozark	**All mfg.**	2		3.8	.0002	0
Pemiscot	**All mfg.**	7	5	57.8	.0030	92
Perry	**All mfg.**	10	3	61.8	.0032	75
Pettis	**All mfg.**	33	15	294.6	.0151	73
Phelps	**All mfg.**	10	4	92.3	.0047	58
Pike	**All mfg.**	11	4	186.8	.0096	81
Platte	**All mfg.**	5		20.9	.0011	0
Polk	**All mfg.**	7	2	37.5	.0019	61
Pulaski	**All mfg.**	8	2	29.0	.0015	67
8062	*General medical & surgical hospitals*	2	2	57.4	.0397	100
Putnam	**All mfg.**	1		1.7	.0001	0
Ralls	**All mfg.**	1		1.0	.0001	0
Randolph	**All mfg.**	13	5	162.4	.0083	80
Ray	**All mfg.**	7	1	27.3	.0014	37
Reynolds	**All mfg.**	2	1	6.0	.0003	63
Ripley	**All mfg.**	4	2	24.3	.0012	72
St. Charles	**All mfg.**	63	12	733.7	.0377	81
2869	Industrial organic chemicals n.e.c.	1	1	338.4	.9203	100
3662	Radio & TV communication equipment	1	1	153.4	.4695	100
St. Clair	**All mfg.**	1		4.4	.0002	0
Ste. Genevieve	**All mfg.**	7	5	91.0	.0047	96
St. Francois	**All mfg.**	26	3	119.2	.0061	51
8062	*General medical & surgical hospitals*	4	4	101.2	.0700	100
St. Louis	**All mfg.**	202	41	2,346.0	.1205	74
3585	Refrigeration & heating equipment	3	1	152.5	1.2256	96
3711	Motor vehicles & passenger-car bodies	1	1	910.6	.8969	100
3713	Truck & bus bodies	2	1	65.1	2.6209	99
8062	*General medical & surgical hospitals*	3	2	52.6	.0364	93
St. Louis city	**All mfg.**	1,161	291	15,187.5	.7801	82
1622	*Bridge & tunnel construction*	7	3	122.4	2.3706	92
2051	Bread, cake, & related products	16	6	170.8	1.3663	87
2082	Malt beverages	1	1	1,143.5	9.5810	100
2099	Food preparations n.e.c.	10	2	258.0	2.8215	80
2711	Newspapers	13	3	75.2	.3525	67
2751	Letterpress commercial printing	35	5	58.4	1.2244	45
2752	Lithographic commercial printing	29	5	182.6	1.2362	47
2819	Industrial inorganic chemicals n.e.c.	4	2	183.3	1.5656	96
2833	Medicinals & botanicals	1	1	223.4	7.0016	100
2834	Pharmaceutical preparations	12	8	301.5	1.6795	95
2841	Soap & other detergents	13	7	549.9	6.1192	89
2851	Paints & allied products	26	1	167.0	1.8706	15
2869	Industrial organic chemicals n.e.c.	8	4	389.7	1.0598	87
3079	Miscellaneous plastics products	34	6	141.0	.4717	45
3143	Men's nonathletic footwear	1	1	42.9	2.0787	100
3321	Gray-iron foundries	10	5	87.0	1.1143	83
3411	Metal cans	2	2	209.8	2.1441	100
3433	Heating equipment, except electric	7	4	38.4	2.1939	91
3441	Fabricated structural metal	20	4	84.0	1.0227	57
3443	Fabricated plate work (boiler shops)	14	4	148.1	1.5516	80
3444	Sheet-metal work	22	2	57.5	1.0015	42
3469	Metal stampings n.e.c.	13	3	63.9	1.0028	61
3569	General industrial machinery n.e.c.	5	3	92.0	2.8138	97
3613	Switchgear & switchboard apparatus	4	4	116.7	2.6438	100
3621	Motors & generators	9	7	198.1	3.2343	97
3711	Motor vehicles & passenger-car bodies	2	1	2,273.1	2.2388	100
3714	Motor-vehicle parts & accessories	11	4	373.6	.8791	93
3721	Aircraft	2	1	2,400.6	7.4949	100
4011	*Line-haul-operating railroads*	10	4	757.3	5.3868	99
4923	*Gas transmission & distribution*	1	1	461.4	4.1236	100
4924	*Natural-gas distribution*	1	1	280.8	2.2403	100
4931	*Electric & other services combined*	2	2	951.6	2.8407	100
5084	*Industrial-machinery distributors*	40	1	384.0	1.0144	23
5085	*Industrial-supply distributors*	41	2	449.6	1.3419	41
6025	*National banks, federal reserve system*	13	4	595.2	.5561	89
7011	*Hotels, motels, & tourist courts*	28	7	145.8	.8363	76
7372	*Computer programming & software*	2	1	76.5	.8116	97
7374	*Data-processing services*	10	2	158.8	2.4578	92
8062	*General medical & surgical hospitals*	31	29	1,439.2	.9959	100
8221	*Colleges & universities n.e.c.*	8	3	89.3	.4341	87
Saline	**All mfg.**	15	4	318.5	.0164	88

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

MISSOURI (cont.)

County SIC	Industry	Establishments Total	Establishments Large	1983 (S&MM Est.) Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Scotland	All mfg.	2		7.1	.0004	0
Scott	All mfg.	25	10	166.1	.0085	65
Shannon	All mfg.	7	4	32.0	.0016	75
Shelby	All mfg.	2	2	35.3	.0018	100
Stoddard	All mfg.	16	9	170.5	.0088	89
3144	Women's nonathletic footwear	2	2	38.1	2.3744	100
8062	General medical & surgical hospitals	1	1	105.1	.0727	100
Stone	All mfg.	5	4	26.9	.0014	94
Sullivan	All mfg.	1	1	28.6	.0015	100
Taney	All mfg.	7	2	44.7	.0023	46
Texas	All mfg.	11	6	115.9	.0060	87
Vernon	All mfg.	10	5	81.2	.0042	83
Warren	All mfg.	12	4	170.3	.0087	83
3714	Motor-vehicle parts & accessories	2	2	119.7	.2817	100
Washington	All mfg.	4	1	24.9	.0013	70
Wayne	All mfg.	7	2	23.1	.0012	55
Webster	All mfg.	12	6	93.7	.0048	86
Worth	All mfg.	1	1	4.4	.0002	100
Wright	All mfg.	5	4	60.9	.0031	97
STATE TOTAL	All mfg.	3,446	937	43,433.3	2.2309	81

MONTANA

County SIC	Industry	Establishments Total	Establishments Large	1983 (S&MM Est.) Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Beaverhead	All mfg.	2		8.3	.0004	0
Big Horn	All mfg.	1		4.8	.0002	0
Broadwater	All mfg.	1		2.5	.0001	0
Carbon	All mfg.	2		4.0	.0002	0
Cascade	All mfg.	26	2	246.9	.0127	13
8062	General medical & surgical hospitals	3	3	66.2	.0458	100
Chouteau	All mfg.	1	1	10.3	.0005	100
Custer	All mfg.	4		17.8	.0009	0
Dawson	All mfg.	9		30.6	.0016	0
Deer Lodge	All mfg.	2		3.3	.0002	0
8062	General medical & surgical hospitals	2	2	128.5	.0889	100
Fergus	All mfg.	4		14.1	.0007	0
Flathead	All mfg.	31	5	294.5	.0151	56
Gallatin	All mfg.	23	4	136.3	.0070	50
Glacier	All mfg.	3	1	111.0	.0057	9
Hill	All mfg.	8	3	59.0	.0030	66
Jefferson	All mfg.	3		17.2	.0009	0
Lake	All mfg.	4		13.4	.0007	0
Lewis and Clark	All mfg.	19	3	119.3	.0061	58
Liberty	All mfg.	2		6.0	.0003	0
Lincoln	All mfg.	8	2	97.2	.0050	79
Meagher	All mfg.	2		13.0	.0007	0
Mineral	All mfg.	2	1	18.4	.0009	88
Missoula	All mfg.	37	5	329.6	.0169	55
2421	General sawmills & planing mills	4	2	86.2	.7007	94
Musselshell	All mfg.	1	1	10.9	.0006	100
Park	All mfg.	8		22.1	.0011	0
Phillips	All mfg.	1		9.4	.0005	0
Pondera	All mfg.	2	1	15.2	.0008	93
Powell	All mfg.	1		5.3	.0003	0
Ravalli	All mfg.	6		25.1	.0013	0
Richland	All mfg.	7	1	47.0	.0024	46
Roosevelt	All mfg.	6	1	19.6	.0010	31
Sanders	All mfg.	3	1	22.0	.0011	55
Silver Bow	All mfg.	14	2	75.5	.0039	48
Stillwater	All mfg.	2		3.7	.0002	0
Valley	All mfg.	3		6.0	.0003	0
Yellowstone	All mfg.	52	11	1,535.3	.0789	92
8062	General medical & surgical hospitals	3	2	55.7	.0385	97
STATE TOTAL	All mfg.	300	45	3,354.6	.1723	65

NEBRASKA

County SIC	Industry	Establishments Total	Establishments Large	1983 (S&MM Est.) Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Adams	All mfg.	27	6	167.8	.0086	37
Antelope	All mfg.	1		10.1	.0005	0
Box Butte	All mfg.	6	2	28.0	.0014	49
Buffalo	All mfg.	21	9	260.4	.0134	75
Burt	All mfg.	2	1	20.3	.0010	52
Butler	All mfg.	2	1	11.4	.0006	46
Cass	All mfg.	7	1	49.8	.0026	53
Cedar	All mfg.	2		30.7	.0016	0
Chase	All mfg.	1		6.1	.0003	0
Cheyenne	All mfg.	8	1	96.5	.0050	8
Clay	All mfg.	3		8.5	.0004	0
Colfax	All mfg.	3	2	189.9	.0098	96
Cuming	All mfg.	6	2	144.1	.0074	91
Custer	All mfg.	3	1	21.4	.0011	78
Dakota	All mfg.	9	2	824.8	.0424	96
2011	Meat-packing plants	1	1	788.7	1.7862	100
Dawson	All mfg.	24	7	370.9	.0191	70
Deuel	All mfg.	1		13.2	.0007	0
Dixon	All mfg.	1	1	10.4	.0005	100
Dodge	All mfg.	35	8	616.4	.0317	70
2011	Meat-packing plants	2	1	326.4	.7392	97
Douglas	All mfg.	263	75	4,677.1	.2402	81
1623	Pipe- & utility-line construction	4	2	341.7	5.9441	98
1629	Heavy construction n.e.c.	5	2	853.3	3.6041	99
2011	Meat-packing plants	20	8	1,075.5	2.4357	82
3523	Farm machinery & equipment	5	1	97.5	1.0356	84
3561	Pumps & pumping equipment	6	1	141.0	2.6665	92
3661	Telephone & telegraph apparatus	1	1	780.0	4.8763	100
4011	Line-haul-operating railroads	2	2	612.7	4.3014	100
4911	Electric services	1	1	213.5	.3521	100
6025	National banks, federal reserve system	7	2	169.0	.1579	87
7011	Hotels, motels, & tourist courts	13	3	38.0	.2180	64
8062	General medical & surgical hospitals	10	9	404.9	.2802	100
Fillmore	All mfg.	1		2.5	.0001	0
Furnas	All mfg.	2		13.1	.0007	0
Gage	All mfg.	13	5	145.0	.0074	67
Garden	All mfg.	2	2	11.2	.0006	100
Garfield	All mfg.	2		8.4	.0004	0
Hall	All mfg.	38	9	365.4	.0188	66
3523	Farm machinery & equipment	5	2	149.6	1.5891	94
Hamilton	All mfg.	6	1	31.5	.0016	33
Harlan	All mfg.	1		3.2	.0002	0
Hitchcock	All mfg.	1		2.5	.0001	0
Holt	All mfg.	2	1	21.0	.0011	53
Jefferson	All mfg.	7	2	51.2	.0026	19
Johnson	All mfg.	1	1	17.4	.0009	100
Kearney	All mfg.	4		33.7	.0017	0
Keith	All mfg.	3	1	35.1	.0018	91
Kimball	All mfg.	3		11.7	.0006	0
Lancaster	All mfg.	92	36	1,268.3	.0651	84
3041	Rubber & plastic hose & belting	1	1	112.8	5.9537	100
8062	General medical & surgical hospitals	7	6	177.3	.1227	98
8221	Colleges & universities n.e.c.	3	1	59.2	.2878	92
Lincoln	All mfg.	6		39.5	.0020	0
Madison	All mfg.	31	9	395.2	.0203	67
Merrick	All mfg.	1	1	10.5	.0005	100
Morrill	All mfg.	1	1	64.1	.0033	100
Nemaha	All mfg.	7	3	43.1	.0022	72
4912	Nuclear power	1	1	213.1	1.5649	100
Nuckolls	All mfg.	4	2	66.4	.0034	78
Otoe	All mfg.	11	2	89.4	.0046	30
Pawnee	All mfg.	1		1.0	.0001	0
Phelps	All mfg.	5	1	58.3	.0030	71
Pierce	All mfg.	2		9.0	.0005	0
Platte	All mfg.	31	9	338.9	.0174	77
3523	Farm machinery & equipment	8	4	96.8	1.0282	88
3676	Electronic resistors	1	1	58.4	6.3534	100
Polk	All mfg.	2		3.2	.0002	0
Red Willow	All mfg.	10	2	83.1	.0043	43
Richardson	All mfg.	8	1	60.2	.0031	51
Rock	All mfg.	1		6.0	.0003	0
Saline	All mfg.	10	5	259.7	.0133	91
Sarpy	All mfg.	7	2	61.5	.0032	54
Saunders	All mfg.	7		28.6	.0015	0
Scotts Bluff	All mfg.	23	7	470.7	.0242	61
Seward	All mfg.	2	2	53.4	.0027	100
Sheridan	All mfg.	2		39.3	.0020	0
Thayer	All mfg.	4	1	38.2	.0020	58
Thurston	All mfg.	5	1	19.5	.0010	38
Valley	All mfg.	1		2.1	.0001	0
Washington	All mfg.	4	2	45.7	.0023	91
Wayne	All mfg.	3	1	15.5	.0008	70
8221	Colleges & universities n.e.c.	1	1	66.7	.3243	100
Webster	All mfg.	2		12.9	.0007	0
Wheeler	All mfg.	1		6.0	.0003	0
York	All mfg.	14	1	69.1	.0035	7
STATE TOTAL	All mfg.	809	230	11,969.1	.6148	75

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified

1983 (S&MM Est.)

NEVADA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
Carson City	**All mfg.**	**10**	**2**	**71.4**	**.0037**	**52**
Churchill	**All mfg.**	**1**		**8.0**	**.0004**	**0**
Clark	**All mfg.**	**63**	**11**	**606.6**	**.0312**	**67**
4911	*Electric services*	*7*	*1*	*203.3*	*.3353*	*84*
7011	*Hotels, motels, & tourist courts*	*46*	*22*	*606.2*	*3.4769*	*95*
8062	*General medical & surgical hospitals*	*9*	*7*	*152.2*	*.1053*	*96*
Douglas	**All mfg.**	**2**	**2**	**63.8**	**.0033**	**100**
7011	*Hotels, motels, & tourist courts*	*3*	*3*	*136.9*	*.7852*	*100*
Elko	**All mfg.**	**2**		**7.0**	**.0004**	**0**
Esmeralda	**All mfg.**	**1**		**2.0**	**.0001**	**0**
Humboldt	**All mfg.**	**1**		**1.4**	**.0001**	**0**
Lander	**All mfg.**	**3**		**24.6**	**.0013**	**0**
Lyon	**All mfg.**	**3**	**1**	**45.2**	**.0023**	**49**
Nye	**All mfg.**	**2**		**11.4**	**.0006**	**0**
Pershing	**All mfg.**	**1**		**5.7**	**.0003**	**0**
Washoe	**All mfg.**	**69**	**13**	**581.0**	**.0298**	**51**
6025	*National banks, federal reserve system*	*2*	*2*	*213.9*	*.1998*	*100*
7011	*Hotels, motels, & tourist courts*	*19*	*4*	*168.6*	*.9670*	*86*
8062	*General medical & surgical hospitals*	*3*	*3*	*134.6*	*.0931*	*100*
White Pine						
1021	*Copper-ore mining*	*1*	*1*	*88.6*	*3.9039*	*100*
STATE TOTAL	**All mfg.**	**158**	**29**	**1,428.1**	**.0734**	**58**

NEW HAMPSHIRE

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
Belknap	**All mfg.**	**42**	**14**	**229.0**	**.0118**	**60**
Carroll	**All mfg.**	**18**	**4**	**60.4**	**.0031**	**53**
Cheshire	**All mfg.**	**72**	**21**	**473.1**	**.0243**	**65**
Coos	**All mfg.**	**15**	**7**	**403.9**	**.0207**	**94**
2611	Pulp mills	2	1	295.7	9.2821	97
Grafton	**All mfg.**	**51**	**12**	**269.8**	**.0139**	**63**
8062	*General medical & surgical hospitals*	*5*	*3*	*88.3*	*.0611*	*90*
8221	*Colleges & universities n.e.c.*	*2*	*2*	*105.2*	*.5114*	*100*
Hillsborough	**All mfg.**	**341**	**123**	**3,415.4**	**.1754**	**80**
2641	Paper coating & glazing	2	1	316.5	5.5958	98
3021	Rubber & plastic footwear	3	3	62.7	9.4428	100
3079	Miscellaneous plastics products	19	7	111.6	.3733	71
3144	Women's nonathletic footwear	6	5	52.3	3.2594	94
3554	Paper-industries machinery	3	2	90.6	7.2526	94
3573	Electronic computing equipment	19	9	349.6	.8885	85
3613	Switchgear & switchboard apparatus	4	3	93.5	2.1182	99
3662	Radio & TV communication equipment	3	2	354.4	1.0847	99
3679	Electronic components n.e.c.	24	11	200.8	1.6238	88
3825	Electricity-measuring instruments	3	2	92.3	1.6442	96
4911	*Electric services*	*2*	*2*	*325.0*	*.5360*	*100*
8062	*General medical & surgical hospitals*	*6*	*6*	*151.0*	*.1045*	*100*
Merrimack	**All mfg.**	**84**	**28**	**658.3**	**.0338**	**81**
2751	Letterpress commercial printing	4	1	25.8	.5409	91
8062	*General medical & surgical hospitals*	*4*	*4*	*121.4*	*.0840*	*100*
Rockingham	**All mfg.**	**125**	**39**	**1,331.4**	**.0684**	**79**
3069	Fabricated rubber products n.e.c.	2	2	54.3	.9522	100
3149	Nonrubber footwear n.e.c.	3	3	19.0	2.6704	100
7011	*Hotels, motels, & tourist courts*	*9*	*1*	*85.4*	*.4898*	*91*
8062	*General medical & surgical hospitals*	*4*	*3*	*50.9*	*.0352*	*94*
Strafford	**All mfg.**	**59**	**22**	**753.2**	**.0387**	**84**
3069	Fabricated rubber products n.e.c.	2	2	182.2	3.1949	100
3612	Transformers	1	1	76.2	2.7408	100
Sullivan	**All mfg.**	**34**	**13**	**331.5**	**.0170**	**82**
3532	Mining machinery	1	1	42.6	2.3754	100
STATE TOTAL	**All mfg.**	**841**	**283**	**7,926.0**	**.4071**	**79**

NEW JERSEY

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
Atlantic	**All mfg.**	**88**	**23**	**633.2**	**.0325**	**66**
3262	Vitreous china food utensils	1	1	46.5	16.6846	100
4911	*Electric services*	*1*	*1*	*281.0*	*.4635*	*100*
7011	*Hotels, motels, & tourist courts*	*18*	*9*	*283.0*	*1.6232*	*94*
8062	*General medical & surgical hospitals*	*4*	*3*	*92.8*	*.0642*	*96*
Bergen	**All mfg.**	**1,264**	**310**	**10,640.9**	**.5466**	**67**
2052	Cookies & crackers	3	2	237.4	5.2690	97
2253	Knit-outerwear mills	9	3	48.9	1.6652	63
2335	Women's & misses' dresses	16	3	52.6	1.2619	63
2651	Folding paperboard boxes	8	2	71.0	2.0761	71
2653	Corrugated & solid fiber boxes	13	9	162.9	1.5762	86
2711	Newspapers	9	3	94.9	.4449	88
2721	Periodicals	9	3	137.9	1.2836	79
2731	Book publishing	17	9	471.2	6.2056	93
2732	Book printing	4	2	94.1	3.3760	95
2751	Letterpress commercial printing	31	6	50.4	1.0566	56
2752	Lithographic commercial printing	36	3	236.5	1.6012	34
2833	Medicinals & botanicals	7	1	196.9	6.1711	70
2834	Pharmaceutical preparations	13	5	141.1	.7860	68
2842	Polishes & sanitation goods	12	3	132.6	3.0526	58
2844	Toilet preparations	17	10	470.2	5.3649	91
2869	Industrial organic chemicals n.e.c.	18	6	444.7	1.2094	69
2893	Printing ink	14	3	97.8	8.5400	47
3079	Miscellaneous plastics products	46	17	252.1	.8433	69
3444	Sheet-metal work	19	1	50.1	.8726	33
3573	Electronic computing equipment	17	6	222.7	.5660	73
3579	Office machines n.e.c.	6	1	136.7	2.8088	90
3599	Machinery, except electrical, n.e.c.	21	1	55.7	.6266	38
3621	Motors & generators	4	3	94.1	1.5364	99
3662	Radio & TV communication equipment	12	3	218.9	.6700	84
3679	Electronic components n.e.c.	24	5	122.1	.9874	73
3728	Aircraft equipment n.e.c.	8	3	184.4	1.9494	90
3811	Engineering & scientific instruments	11	3	71.5	2.6633	81
3841	Surgical & medical instruments	9	5	127.6	4.2053	93
3842	Surgical appliances & supplies	6	3	72.5	1.6272	87
3861	Photographic equipment & supplies	15	4	326.2	1.8000	65
3949	Sporting & athletic goods n.e.c.	6	2	65.1	2.2282	88
3999	Manufactures n.e.c.	11	3	55.9	2.0718	68
5084	*Industrial-machinery distributors*	*42*	*1*	*407.5*	*1.0765*	*9*
5085	*Industrial-supply distributors*	*28*	*1*	*510.3*	*1.5230*	*65*
6025	*National banks, federal reserve system*	*10*	*5*	*387.8*	*.3623*	*93*
7011	*Hotels, motels, & tourist courts*	*11*	*1*	*49.4*	*.2833*	*74*
8062	*General medical & surgical hospitals*	*9*	*8*	*378.6*	*.2620*	*99*
Burlington	**All mfg.**	**225**	**64**	**1,910.9**	**.0982**	**76**
3211	Flat glass	2	2	76.7	4.5652	100
3573	Electronic computing equipment	7	5	178.1	.4526	94
3662	Radio & TV communication equipment	8	3	282.1	.8634	91
8062	*General medical & surgical hospitals*	*8*	*8*	*198.2*	*.1372*	*100*
Camden	**All mfg.**	**353**	**73**	**2,922.2**	**.1501**	**69**
3296	Mineral wool	3	3	174.3	7.4682	100
3662	Radio & TV communication equipment	11	4	548.9	1.6800	93
8062	*General medical & surgical hospitals*	*9*	*9*	*283.7*	*.1963*	*100*
Cape May	**All mfg.**	**26**	**3**	**106.1**	**.0054**	**26**
8062	*General medical & surgical hospitals*	*2*	*2*	*57.5*	*.0398*	*100*
Cumberland	**All mfg.**	**125**	**43**	**1,254.7**	**.0644**	**75**
2311	Men's & boys' suits & coats	6	6	51.3	1.6010	100
3221	Glass containers	6	4	253.6	5.1548	97
3229	Pressed & blown glass n.e.c.	4	2	120.7	3.6870	98
3231	Products of purchased glass	15	4	81.4	3.1660	53
8062	*General medical & surgical hospitals*	*4*	*4*	*69.9*	*.0484*	*100*
Essex	**All mfg.**	**1,021**	**205**	**8,037.8**	**.4129**	**68**
1629	*Heavy construction n.e.c.*	*6*	*3*	*725.1*	*3.0626*	*99*
2051	Bread, cake, & related products	9	4	68.3	.5464	84
2082	Malt beverages	2	2	571.8	4.7909	100
2381	Fabric dress & work gloves	2	1	17.8	6.2698	93
2751	Letterpress commercial printing	26	4	43.3	.9078	46
2834	Pharmaceutical preparations	8	6	1,066.1	5.9385	100
2851	Paints & allied products	25	6	248.0	2.7779	60
2865	Cyclic crudes & intermediates	10	5	329.3	4.3058	84
3079	Miscellaneous plastics products	42	9	179.0	.5988	55
3499	Fabricated metal products n.e.c.	13	2	71.4	1.6959	67
3544	Special dies, tools, jigs, & fixtures	23	2	28.7	.9642	35
3559	Special-industry machinery n.e.c.	16	4	92.2	2.1314	75
3599	Machinery, except electrical, n.e.c.	14	2	66.7	.7503	64
3641	Electric lamps	7	5	154.6	7.1984	98
3661	Telephone & telegraph apparatus	3	2	348.7	2.1800	99
3662	Radio & TV communication equipment	15	5	224.5	.6871	73
3679	Electronic components n.e.c.	26	8	165.2	1.3360	78
3825	Electricity-measuring instruments	6	5	88.3	1.5730	98
3911	Precious-metal jewelry	19	6	100.5	4.1809	64
3944	Games, toys, & children's vehicles	5	2	104.6	2.3843	93
4931	*Electric & other services combined*	*3*	*1*	*1,887.8*	*5.6355*	*99*
6025	*National banks, federal reserve system*	*9*	*4*	*499.8*	*.4669*	*96*
8062	*General medical & surgical hospitals*	*19*	*19*	*806.8*	*.5583*	*100*
8221	*Colleges & universities n.e.c.*	*7*	*5*	*93.4*	*.4541*	*93*
Gloucester	**All mfg.**	**122**	**32**	**4,699.3**	**.2414**	**94**
2911	Petroleum refining	2	2	3,648.0	2.0112	100
Hudson	**All mfg.**	**791**	**178**	**7,238.4**	**.3718**	**73**
2095	Roasted coffee	2	2	689.7	12.1040	100
2253	Knit-outerwear mills	33	5	96.7	3.2930	34
2331	Women's & misses' blouses	11	3	61.3	2.0577	77
2337	Women's & misses' suits & coats	47	4	252.9	6.4924	32
2339	Women's & misses' outerwear n.e.c.	19	5	55.3	1.1823	54
2653	Corrugated & solid fiber boxes	10	5	101.0	.9772	76
2844	Toilet preparations	5	3	593.0	6.7661	98
2869	Industrial organic chemicals n.e.c.	7	4	385.4	1.0481	93
3079	Miscellaneous plastics products	24	7	142.9	.4780	58
3171	Women's handbags & purses	4	3	60.1	12.4922	98
3357	Nonferrous wire drawing & insulating	2	2	323.0	3.7619	100
3561	Pumps & pumping equipment	6	3	81.0	1.5318	92
3661	Telephone & telegraph apparatus	2	2	462.4	2.8908	100
3731	Ship building & repairing	3	3	57.4	.6468	100
3999	Manufactures n.e.c.	8	2	104.1	3.8581	90
8062	*General medical & surgical hospitals*	*10*	*10*	*331.1*	*.2291*	*100*
Hunterdon	**All mfg.**	**74**	**18**	**569.9**	**.0293**	**67**

1983 (S&MM Est.)

NEW JERSEY (cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Mercer	**All mfg.**	**235**	**79**	**2,463.8**	**.1266**	**82**
2711	Newspapers	7	5	96.5	.4524	93
3429	Hardware n.e.c.	1	1	210.2	3.7600	100
3573	Electronic computing equipment	4	3	226.3	.5751	98
3585	Refrigeration & heating equipment	3	3	170.2	1.3679	100
3643	Current-carrying wiring devices	1	1	46.0	1.5819	100
3662	Radio & TV communication equipment	5	2	109.7	.3358	85
3996	Hard-surface floor coverings n.e.c.	2	2	79.5	13.7401	100
6025	*National banks, federal reserve system*	*7*	*2*	*269.4*	*.2517*	*87*
8062	*General medical & surgical hospitals*	*6*	*5*	*160.5*	*.1111*	*99*
8221	*Colleges & universities n.e.c.*	*4*	*3*	*110.6*	*.5377*	[illegible]
Middlesex	**All mfg.**	**706**	**208**	**11,083.6**	**.5693**	**83**
2052	Cookies & crackers	1	1	109.4	2.4281	100
2641	Paper coating & glazing	5	1	125.8	2.2242	77
2647	Sanitary paper products	4	2	599.8	6.3011	96
2751	Letterpress commercial printing	14	3	29.2	.6122	62
2819	Industrial inorganic chemicals n.e.c.	13	5	108.1	.9233	74
2821	Plastics materials & synthetic resins	10	5	228.8	1.3078	85
2833	Medicinals & botanicals	3	2	593.3	18.5947	98
2834	Pharmaceutical preparations	11	8	548.2	3.0537	98
2844	Toilet preparations	12	6	874.7	9.9803	96
2869	Industrial organic chemicals n.e.c.	11	3	609.4	1.6573	70
3079	Miscellaneous plastics products	42	12	245.8	.8222	62
3331	Primary copper	1	1	248.3	4.7484	100
3356	Nonferrous rolling & drawing n.e.c.	1	1	238.2	6.4646	100
3357	Nonferrous-wire drawing & insulating	5	3	155.4	1.8099	89
3411	Metal cans	7	6	238.6	2.4384	94
3573	Electronic computing equipment	10	4	139.7	.3550	80
3585	Refrigeration & heating equipment	5	4	166.2	1.3357	98
3662	Radio & TV communication equipment	7	3	112.9	.3455	84
3679	Electronic components n.e.c.	13	5	57.4	.4642	76
3711	Motor vehicles & passenger-car bodies	2	2	987.4	.9725	100
3944	Games, toys, & children's vehicles	9	6	217.2	4.9509	94
8062	*General medical & surgical hospitals*	*8*	*8*	*293.0*	*.2028*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*167.9*	*.8163*	*100*
Monmouth	**All mfg.**	**282**	**68**	**2,680.0**	**.1377**	**75**
2654	Sanitary food containers	2	1	122.3	4.6717	98
3079	Miscellaneous plastics products	18	6	135.0	.4516	74
3221	Glass containers	2	2	109.0	2.2156	100
3573	Electronic computing equipment	9	5	311.1	.7907	93
3662	Radio & TV communication equipment	9	4	188.9	.5782	87
6025	*National banks, federal reserve system*	*4*	*3*	*188.0*	*.1756*	*95*
7372	*Computer programming & software*	*5*	*3*	*117.2*	*1.2433*	*97*
8062	*General medical & surgical hospitals*	*4*	*4*	*210.3*	*.1455*	*100*
Morris	**All mfg.**	**362**	**102**	**3,483.6**	**.1789**	**70**
2834	Pharmaceutical preparations	6	4	266.0	1.4817	93
2844	Toilet preparations	3	3	184.2	2.1017	100
3079	Miscellaneous plastics products	29	11	168.5	.5637	71
3662	Radio & TV communication equipment	6	4	255.0	.7805	96
3679	Electronic components n.e.c.	15	4	52.3	.422[illegible]	50
3811	Engineering & scientific instruments	9	3	42.1	1.5682	76
4911	*Electric services*	*7*	*6*	*712.8*	*1.1757*	*98*
8062	*General medical & surgical hospitals*	*7*	*6*	*212.0*	*.1467*	*99*
Ocean	**All mfg.**	**75**	**11**	**619.5**	**.0318**	**73**
2865	Cyclic crudes & intermediates	1	1	312.0	4.0796	100
4912	*Nuclear power*	*1*	*1*	*262.8*	*1.9299*	*100*
8062	*General medical & surgical hospitals*	*5*	*4*	*115.3*	*.0798*	*97*
Passaic	**All mfg.**	**747**	**148**	**5,537.4**	**.2844**	**64**
2051	Bread, cake, & related products	7	3	150.0	1.2000	92
2261	Cotton-finishing plants	17	2	29.4	2.6911	24
2337	Women's & misses' suits & coats	29	6	188.9	4.8494	40
2834	Pharmaceutical preparations	5	3	128.2	.7141	93
2844	Toilet preparations	3	3	246.4	2.8114	100
2869	Industrial organic chemicals n.e.c.	7	2	356.8	.9704	83
3079	Miscellaneous plastics products	36	9	211.1	.7062	64
3576	Scales & balances, except laboratory	2	2	69.1	12.7162	100
3662	Radio & TV communication equipment	7	4	173.9	.5323	93
3679	Electronic components n.e.c.	17	4	243.3	1.9675	89
6025	*National banks, federal reserve system*	*6*	*4*	*429.1*	*.4009*	*96*
7372	*Computer programming & software*	*3*	*2*	*73.8*	*.7829*	*98*
7374	*Data-processing services*	*3*	*1*	*273.7*	*4.2362*	*99*
8062	*General medical & surgical hospitals*	*6*	*6*	*222.2*	*.1538*	*100*
Salem	**All mfg.**	**26**	**9**	**1,309.5**	**.0673**	**95**
2869	Industrial organic chemicals n.e.c.	1	1	1,015.3	2.7612	100
Somerset	**All mfg.**	**150**	**41**	**2,741.9**	**.1408**	**85**
2821	Plastics materials & synthetic resins	2	1	423.3	2.4196	99
2834	Pharmaceutical preparations	3	3	270.0	1.5040	100
2865	Cyclic crudes & intermediates	6	3	373.0	4.8772	91
2952	Asphalt felts & coatings	2	2	139.6	4.9391	100
3674	Semiconductors & related devices	3	2	246.0	1.8300	99
3842	Surgical appliances & supplies	2	1	144.3	3.2387	97
Sussex	**All mfg.**	**40**	**10**	**248.5**	**.0128**	**60**
Union	**All mfg.**	**804**	**207**	**11,933.0**	**.6129**	**85**
2052	Cookies & crackers	1	1	109.4	2.4281	100
2511	Wood household furniture	5	2	49.9	.8425	89
2834	Pharmaceutical preparations	15	11	1,399.6	7.7963	98
2865	Cyclic crudes & intermediates	5	3	314.2	4.1084	87
2911	Petroleum refining	[illegible]	1	2,993.5	1.6504	100
3079	Miscellaneous plastics products	49	12	230.3	.7704	57
3452	Bolts, nuts, rivets, & washers	9	4	118.4	2.8580	88
3469	Metal stampings n.e.c.	19	5	86.0	1.3497	56
3544	Special dies, tools, jigs, & fixtures	31	2	41.9	1.4076	26
3599	Machinery, except electrical, n.e.c.	15	3	66.0	.7424	65
3679	Electronic components n.e.c.	15	7	255.5	2.0662	92
3711	Motor vehicles & passenger-car bodies	1	1	1,538.5	1.5153	100
5051	*Metals service centers & sales offices*	*13*	*2*	*825.2*	*1.5056*	*66*
6025	*National banks, federal reserve system*	*4*	*4*	*314.8*	*.2941*	*100*
8062	*General medical & surgical hospitals*	*9*	*9*	*321.9*	*.2228*	*100*
Warren	**All mfg.**	**93**	**26**	**1,188.0**	**.0610**	**77**
2819	Industrial inorganic chemicals n.e.c.	2	1	105.1	.8977	96
2833	Medicinals & botanicals	2	1	201.7	6.3215	94
3561	Pumps & pumping equipment	1	1	154.0	2.9123	100
STATE TOTAL	**All mfg.**	**7,609**	**1,858**	**81,302.2**	**4.1760**	**76**

NEW MEXICO

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Bernalillo	**All mfg.**	**170**	**50**	**1,758.7**	**.0903**	**78**
1611	*Highway & street construction*	*7*	*5*	*133.4*	*.8375*	*96*
3662	Radio & TV communication equipment	7	4	239.7	.7336	95
3724	Aircraft engines & engine parts	2	1	161.3	1.0626	97
4911	*Electric services*	*2*	*1*	*188.2*	*.3104*	*94*
6025	*National banks, federal reserve system*	*4*	*2*	*179.3*	*.1675*	*96*
8062	*General medical & surgical hospitals*	*9*	*9*	*330.4*	*.2234*	*100*
Catron	**All mfg.**	**2**	**1**	**21.6**	**.0011**	**66**
Chaves	**All mfg.**	**24**	**2**	**102.5**	**.0053**	**19**
Cibola	**All mfg.**	**7**		**35.2**	**.0018**	**0**
Colfax	**All mfg.**	**7**	**1**	**58.1**	**.0030**	**36**
Curry	**All mfg.**	**8**		**46.2**	**.0024**	**0**
Dona Ana	**All mfg.**	**23**	**2**	**364.2**	**.0187**	**71**
2032	Canned food specialties	1	1	237.2	6.0119	100
Eddy	**All mfg.**	**20**	**6**	**631.7**	**.0324**	**90**
Grant	**All mfg.**	**3**		**5.4**	**.0003**	**0**
1021	*Copper-ore mining*	*6*	*4*	*220.6*	*9.7202*	*98*
Harding	**All mfg.**	**1**		**1.9**	**.0001**	**0**
Hidalgo	**All mfg.**	**1**	**1**	**116.6**	**.0060**	**100**
Lea	**All mfg.**	**19**	**3**	**1,003.1**	**.0515**	**68**
Lincoln	**All mfg.**	**2**		**4.9**	**.0003**	**0**
Los Alamos	**All mfg.**	**7**	**1**	**42.7**	**.0022**	**28**
Luna	**All mfg.**	**5**	**2**	**99.4**	**.0051**	**82**
McKinley	**All mfg.**	**16**	**2**	**407.8**	**.0209**	**12**
Otero	**All mfg.**	**11**	**2**	**69.6**	**.0036**	**37**
Quay	**All mfg.**	**3**		**8.5**	**.0004**	**0**
Rio Arriba	**All mfg.**	**5**		**13.1**	**.0007**	**0**
Roosevelt	**All mfg.**	**8**	**1**	**52.4**	**.0027**	**26**
Sandoval	**All mfg.**	**8**		**18.2**	**.0009**	**0**
8062	*General medical & surgical hospitals*	*1*	*1*	*86.0*	*.0595*	*100*
San Juan	**All mfg.**	**19**	**1**	**472.5**	**.0243**	**42**
San Miguel	**All mfg.**	**7**		**19.2**	**.0010**	**0**
Santa Fe	**All mfg.**	**10**	**1**	**38.2**	**.0020**	**36**
Socorro	**All mfg.**	**3**		**10.7**	**.0005**	**0**
Taos	**All mfg.**	**5**		**6.1**	**.0003**	**0**
Torrance	**All mfg.**	**1**		**3.5**	**.0002**	**0**
Valencia	**All mfg.**	**1**		**5.2**	**.0003**	**0**
8062	*General medical & surgical hospitals*	*2*	*1*	*50.3*	*.0348*	*97*
STATE TOTAL	**All mfg.**	**396**	**76**	**5,417.2**	**.2783**	**64**

NEW YORK

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Albany	**All mfg.**	**137**	**45**	**1,769.8**	**.0909**	**85**
2011	Meat-packing plants	2	2	327.8	.7424	100
3291	Abrasive products	1	1	133.6	4.4100	100
3312	Blast furnaces & steel mills	1	1	159.6	.4240	100
4931	*Electric & other services combined*	*1*	*1*	*347.4*	*1.0371*	*100*
6025	*National banks, federal reserve system*	*3*	*2*	*229.7*	*.2146*	*96*
8062	*General medical & surgical hospitals*	*6*	*6*	*312.3*	*.2161*	*100*
8221	*Colleges & universities n.e.c.*	*10*	*5*	*196.4*	*.9548*	*92*
Allegany	**All mfg.**	**20**	**10**	**310.9**	**.0160**	**91**
3443	Fabricated plate work (boiler shops)	3	1	104.4	1.0938	96

DEFINITIONS: **SIC Industry:** Classification by primary product or service. **Total Establishments:** Those with 20 or more employees. **Large Establishments:** Those with 100 or more employees. **Shipments/Receipts:** Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.:** Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments:** Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.:** Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.:** Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Bronx	**All mfg.**	**355**	**69**	**2,035.9**	**.1046**	**56**
2753	Engraving & plate printing	1	1	28.2	8.1128	100
3079	Miscellaneous plastics products	19	3	85.0	.2843	44
3444	Sheet-metal work	10	3	51.7	.9004	66
3679	Electronic components n.e.c.	3	1	56.5	.4569	87
8062	*General medical & surgical hospitals*	*14*	*14*	*1,041.4*	*.7206*	*100*
8221	*Colleges & universities n.e.c.*	*8*	*5*	*108.2*	*.5260*	*91*
Broome	**All mfg.**	**127**	**42**	**2,873.4**	**.1476**	**93**
1629	*Heavy construction n.e.c.*	*3*	*2*	*97.0*	*.4097*	*94*
3143	Men's nonathletic footwear	2	2	77.1	3.7358	100
3149	Nonrubber footwear n.e.c.	2	1	16.8	2.3612	94
3573	Electronic computing equipment	2	1	1,026.0	2.6076	100
3662	Radio & TV communication equipment	2	1	325.2	.9953	98
3679	Electronic components n.e.c.	6	5	67.1	.5426	94
3728	Aircraft equipment n.e.c.	2	2	196.2	2.0741	100
3861	Photographic equipment & supplies	3	3	400.6	2.2105	100
8062	*General medical & surgical hospitals*	*4*	*4*	*180.8*	*.1251*	*100*
Cattaraugus	**All mfg.**	**73**	**25**	**859.5**	**.0441**	**76**
3563	Air & gas compressors	1	1	234.5	8.9327	100
Cayuga	**All mfg.**	**40**	**13**	**498.5**	**.0256**	**85**
3674	Semiconductors & related devices	2	2	110.9	.8250	100
Chautauqua	**All mfg.**	**123**	**51**	**1,389.6**	**.0714**	**83**
2033	Canned fruits & vegetables	5	3	130.5	1.4259	93
2511	Wood household furniture	9	5	52.2	.8813	78
3562	Ball & roller bearings	1	1	151.3	4.6411	100
8062	*General medical & surgical hospitals*	*5*	*3*	*78.3*	*.0542*	*89*
Chemung	**All mfg.**	**61**	**22**	**1,084.8**	**.0557**	**90**
3221	Glass containers	1	1	92.8	1.8863	100
3711	Motor vehicles & passenger-car bodies	2	2	359.4	.3540	100
8062	*General medical & surgical hospitals*	*2*	*2*	*94.0*	*.0650*	*100*
Chenango	**All mfg.**	**36**	**13**	**519.7**	**.0267**	**82**
2834	Pharmaceutical preparations	1	1	175.9	.9798	100
Clinton	**All mfg.**	**25**	**11**	**458.8**	**.0236**	**88**
8062	*General medical & surgical hospitals*	*3*	*3*	*76.2*	*.0527*	*100*
Columbia	**All mfg.**	**31**	**11**	**204.8**	**.0105**	**64**
Cortland	**All mfg.**	**26**	**12**	**554.2**	**.0285**	**90**
3579	Office machines n.e.c.	1	1	377.9	7.7647	100
Delaware	**All mfg.**	**27**	**11**	**465.7**	**.0239**	**88**
3678	Electronic connectors	1	1	169.5	6.3353	100
Dutchess	**All mfg.**	**99**	**37**	**2,069.0**	**.1063**	**91**
3573	Electronic computing equipment	2	1	1,026.5	2.6088	100
3674	Semiconductors & related devices	3	2	330.7	2.4601	98
3679	Electronic components n.e.c.	2	2	147.1	1.1896	100
4931	*Electric & other services combined*	*3*	*2*	*199.5*	*.5955*	*96*
8062	*General medical & surgical hospitals*	*9*	*7*	*223.1*	*.1544*	*98*
Erie	**All mfg.**	**609**	**195**	**8,457.7**	**.4344**	**84**
2311	Men's & boys' suits & coats	5	1	49.5	1.5448	85
2711	Newspapers	4	1	84.0	.3938	91
2751	Letterpress commercial printing	17	4	78.4	1.6437	81
3011	Tires & inner tubes	1	1	192.7	1.8351	100
3079	Miscellaneous plastics products	17	5	153.0	.5118	75
3312	Blast furnaces & steel mills	6	6	1,128.6	2.9984	100
3423	Hand & edge tools n.e.c.	5	2	67.7	2.3405	85
3443	Fabricated plate work (boiler shops)	9	6	91.4	9576	92
3462	Iron & steel forgings	4	2	98.2	2.6787	96
3465	Automotive stampings	1	1	453.5	5.2917	100
3496	Miscellaneous fabricated wire products	9	4	25.1	1.4981	82
3542	Metal-forming machine tools	5	3	55.9	5.5900	96
3559	Special-industry machinery n.e.c.	5	2	116.3	2.6886	96
3563	Air & gas compressors	2	2	121.9	4.6435	100
3564	Blowers & exhaust & ventilation fans	3	2	54.6	3.4327	94
3621	Motors & generators	3	1	272.8	4.4540	98
3662	Radio & TV communication equipment	7	4	201.3	.6161	92
3714	Motor-vehicle parts & accessories	8	5	620.6	1.4603	97
3832	Optical instruments & lenses	1	1	116.9	3.9330	100
3944	Games, toys, & children's vehicles	2	2	149.8	3.4146	100
5085	*Industrial-supply distributors*	*49*		*330.7*	*.9870*	*0*
6025	*National banks, federal reserve system*	*6*	*2*	*1,186.9*	*1.1089*	*99*
8062	*General medical & surgical hospitals*	*21*	*21*	*888.5*	*.6148*	*100*
8221	*Colleges & universities n.e.c.*	*8*	*4*	*170.5*	*.8289*	*96*
Essex	**All mfg.**	**11**	**2**	**209.0**	**.0107**	**68**
Franklin	**All mfg.**	**14**	**3**	**85.0**	**.0044**	**40**
8062	*General medical & surgical hospitals*	*4*	*4*	*56.7*	*.0392*	*100*
Fulton	**All mfg.**	**72**	**19**	**540.2**	**.0277**	**73**
3111	Leather tanning & finishing	21	5	98.0	6.4635	49
3151	Leather gloves & mittens	17	4	39.7	25.0000	60
3944	Games, toys, & children's vehicles	2	2	188.1	4.2876	100
Genesee	**All mfg.**	**44**	**11**	**429.0**	**.0220**	**67**
3264	Porcelain electrical supplies	1	1	47.6	8.6608	100
8062	*General medical & surgical hospitals*	*3*	*3*	*54.1*	*.0374*	*100*
Greene	**All mfg.**	**18**	**7**	**137.2**	**.0070**	**82**
Hamilton	**All mfg.**	**1**		**10.1**	**.0005**	**0**
Herkimer	**All mfg.**	**36**	**14**	**638.4**	**.0328**	**89**
3484	Small arms	1	1	180.7	15.3304	100
3573	Electronic computing equipment	1	1	210.7	.5355	100
Jefferson	**All mfg.**	**38**	**15**	**491.5**	**.0252**	**79**
2621	Paper mills, except building paper	4	2	199.8	9578	91
8062	*General medical & surgical hospitals*	*4*	*3*	*89.5*	*.0619*	*96*
Kings	**All mfg.**	**1,294**	**253**	**8,018.9**	**.4119**	**61**
2051	Bread, cake, & related products	13	5	106.3	.8504	82
2253	Knit-outerwear mills	66	13	193.2	6.5793	48
2392	House furnishings n.e.c.	21	4	158.9	5.4092	52
2522	Metal office furniture	10	3	161.8	4.9557	76
2645	Die-cut paper & board	12	5	85.7	6.8431	79
2652	Set-up paperboard boxes	8	4	35.7	7.6136	88
2731	Book publishing	2	1	144.7	1.9057	97
2751	Letterpress commercial printing	27	1	32.8	.6877	8
2834	Pharmaceutical preparations	3	1	325.3	1.8120	97
3079	Miscellaneous plastics products	40	8	159.6	.5339	39
3161	Luggage	12	5	51.9	6.9880	78
3429	Hardware n.e.c.	9	3	93.2	1.6671	84
3469	Metal stampings n.e.c.	21	3	67.5	1.0593	34
3643	Current-carrying wiring devices	5	2	107.3	3.6899	95
3648	Lighting equipment n.e.c.	10	5	88.4	7.5356	82
3679	Electronic components n.e.c.	8	4	96.7	.7820	94
3731	Ship building & repairing	7	3	64.0	.7211	80
3942	Dolls & stuffed toy animals	24	7	93.6	24.3750	66
3944	Games, toys, & children's vehicles	12	6	139.1	3.1707	85
3999	Manufactures n.e.c.	20	4	51.0	1.8901	43
4924	*Natural-gas distribution*	*1*	*1*	*437.7*	*3.4920*	*100*
6025	*National banks, federal reserve system*	*2*	*1*	*162.0*	*.1514*	*96*
8062	*General medical & surgical hospitals*	*24*	*22*	*1,461.0*	*1.0110*	*100*
8221	*Colleges & universities n.e.c.*	*12*	*7*	*226.7*	*1.1021*	*95*
Lewis	**All mfg.**	**19**	**8**	**315.5**	**.0162**	**78**
Livingston	**All mfg.**	**28**	**11**	**326.0**	**.0167**	**82**
3443	Fabricated plate work (boiler shops)	1	1	80.3	.8413	100
Madison	**All mfg.**	**24**	**6**	**182.6**	**.0097**	**56**
Monroe	**All mfg.**	**416**	**121**	**10,832.9**	**.5564**	**92**
2311	Men's & boys' suits & coats	2	1	70.3	2.1940	97
2711	Newspapers	5	1	114.4	.5363	93
2752	Lithographic commercial printing	9	2	127.6	.8639	68
3079	Miscellaneous plastics products	11	3	95.8	.3205	76
3433	Heating equipment, except electric	1	1	111.0	6.3418	100
3541	Metal-cutting machine tools	10	4	92.9	2.5074	87
3544	Special dies, tools, jigs, & fixtures	30	4	62.5	2.0997	50
3573	Electronic computing equipment	7	5	126.6	.3218	[illegible]
3592	Carburetors, pistons, rings, & valves	1	1	286.4	12.0905	100
3661	Telephone & telegraph apparatus	2	1	215.5	1.3472	98
3662	Radio & TV communication equipment	6	4	297.7	.9112	96
3823	Industrial process-control instruments	4	2	115.8	3.3963	98
3832	Optical instruments & lenses	10	5	403.9	13.5888	97
3851	Ophthalmic goods	8	7	99.6	9.2971	99
3861	Photographic equipment & supplies	13	9	6,424.1	35.4486	99
4931	*Electric & other services combined*	*1*	*1*	*351.5*	*1.0493*	*100*
6025	*National banks, federal reserve system*	*7*	*4*	*497.8*	*.4651*	*96*
8062	*General medical & surgical hospitals*	*8*	*8*	*484.4*	*.3352*	*100*
8221	*Colleges & universities n.e.c.*	*5*	*3*	*75.6*	*.3675*	*96*
Montgomery	**All mfg.**	**58**	**27**	**630.5**	**.0324**	**74**
2381	Fabric dress & work gloves	1	1	18.4	6.4812	100
Nassau	**All mfg.**	**1,125**	**279**	**9,646.7**	**.4955**	**75**
2339	Women's & misses' outerwear n.e.c.	7	5	65.0	1.3897	94
2731	Book publishing	11	4	246.0	3.2397	86
2751	Letterpress commercial printing	24	3	28.7	.6017	37
2752	Lithographic commercial printing	25	8	245.3	1.6607	67
2834	Pharmaceutical preparations	15	8	185.2	1.0316	81
2844	Toilet preparations	12	4	158.2	1.8051	67
3079	Miscellaneous plastics products	56	10	251.4	.8410	48
3442	Metal doors, sash, & trim	20	4	65.0	1.5074	52
3573	Electronic computing equipment	23	9	296.5	.7535	79
3599	Machinery, except electrical, n.e.c.	41	5	124.5	1.4005	38
3643	Current-carrying wiring devices	10	4	47.6	1.6369	71
3662	Radio & TV communication equipment	27	8	421.0	1.2885	81
3679	Electronic components n.e.c.	47	18	332.2	2.6865	80
3721	Aircraft	3	2	2,359.9	7.3678	100
3728	Aircraft equipment n.e.c.	20	8	201.4	2.1291	84
3811	Engineering & scientific instruments	14	4	57.6	2.1456	67
3825	Electricity-measuring instruments	14	7	99.0	1.7636	83
3861	Photographic equipment & supplies	10	3	390.1	2.1526	86
4931	*Electric & other services combined*	*4*	*2*	*936.4*	*2.7953*	*99*
5065	*Electronic-parts wholesalers*	*14*	*7*	*723.2*	*4.0372*	*85*
6025	*National banks, federal reserve system*	*7*	*6*	*335.4*	*.3134*	*99*
7372	*Computer programming & software*	*16*	*6*	*154.9*	*1.6433*	*77*
7374	*Data-processing services*	*11*	*5*	*141.4*	*2.1885*	*90*
8062	*General medical & surgical hospitals*	*21*	*20*	*1,110.0*	*.7681*	*100*
8221	*Colleges & universities n.e.c.*	*10*	*8*	*408.4*	*1.9855*	*98*
New York (Manhattan)	**All mfg.**	**3,294**	**565**	**16,296.0**	**.8370**	**56**
1622	*Bridge & tunnel construction*	*7*	*3*	*164.9*	*3.1938*	*81*
1629	*Heavy construction n.e.c.*	*26*	*12*	*565.5*	*2.3885*	*88*
2211	Cotton-weaving mills	13	5	37.5	.6574	62
2221	Synthetics- & silk-weaving mills	20	5	166.8	1.8762	59
2241	Narrow-fabric mills	34	4	68.5	7.5582	32
2253	Knit-outerwear mills	34	5	99.3	3.3816	43
2311	Men's & boys' suits & coats	44	14	156.2	4.8749	69
2321	Men's & boys' shirts & nightwear	33	6	77.9	2.0127	54
2323	Men's & boys' neckwear	39	4	86.3	29.2741	28

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
NEW YORK (New York, cont.)						
2329	Men's & boys' clothing n.e.c.	22	7	55.7	3.7935	74
2331	Women's & misses' blouses	55	7	152.3	5.1123	29
2335	Women's & misses' dresses	165	19	345.8	8.2957	31
2337	Women's & misses' suits & coats	100	23	595.5	15.2877	51
2339	Women's & misses' outerwear n.e.c.	83	15	224.4	4.7977	39
2341	Women's & children's underwear	79	11	151.3	5.7209	31
2342	Brassieres, girdles, & allied garments	21	10	64.2	9.7420	73
2351	Millinery	24	2	29.6	45.3292	23
2352	Hats & caps, except millinery	27	2	45.6	8.2266	17
2361	Girls' & children's dresses & blouses	37	14	131.6	11.6501	72
2369	Girls' & children's outerwear n.e.c.	32	8	59.3	6.8177	54
2371	Fur goods	73	3	152.0	65.2921	13
2384	Robes & dressing gowns	19	5	55.8	15.2877	56
2387	Apparel belts	38	6	130.2	25.4247	37
2391	Curtains & draperies	23	5	66.0	6.8259	47
2392	House furnishings n.e.c.	29	7	174.0	5.9232	53
2395	Pleating, stitching, & tucking	34	4	156.7	21.9406	39
2396	Automotive & apparel trimmings	40	1	208.5	8.8935	9
2711	Newspapers	25	13	792.9	3.7172	96
2721	Periodicals	242	48	3,235.7	30.1180	70
2731	Book publishing	114	43	1,963.5	25.8587	84
2741	Miscellaneous publishing	44	11	278.2	11.1169	71
2751	Letterpress commercial printing	191	26	284.9	5.9730	41
2752	Lithographic commercial printing	98	8	567.3	3.8408	28
2753	Engraving & plate printing	10	4	26.9	7.7388	74
2789	Bookbinding & related work	26	2	52.4	6.3786	28
2791	Typesetting	40	5	125.5	14.2177	31
2793	Photoengraving	21	9	53.0	21.4662	79
2834	Pharmaceutical preparations	6	1	160.8	.8957	83
3079	Miscellaneous plastics products	25	1	70.0	.2342	10
3171	Women's handbags & purses	42	9	96.6	20.0790	58
3172	Personal leather goods n.e.c.	32	6	54.1	15.8326	44
3652	Phonograph records & pre-recorded tape	20	6	195.6	12.5667	77
3873	Watches, clocks, & watchcases	19	3	51.0	4.0386	44
3911	Precious-metal jewelry	131	14	499.4	20.7754	36
3915	Jewelers' materials & lapidary work	27	2	94.6	15.9286	28
3961	Costume jewelry	56	8	110.9	12.9149	35
3963	Buttons	26	5	32.8	33.5378	51
3993	Signs & advertising displays	34	3	57.9	3.4540	29
3999	Manufactures n.e.c.	58	3	106.9	3.9619	13
4011	*Line-haul-operating railroads*	*11*	*10*	*277.6*	*1.9489*	*99*
4911	*Electric services*	*2*	*2*	*558.9*	*.9218*	*100*
4931	*Electric & other services combined*	*2*	*2*	*4,177.5*	*12.4707*	*100*
5051	*Metals service centers & sales offices*	*67*	*19*	*5,681.5*	*10.7309*	*83*
5063	*Electrical-power-equipment wholesalers*	*27*	*4*	*810.9*	*2.2633*	*71*
5081	*Commercial-equipment wholesalers*	*40*	*8*	*500.2*	*4.0077*	*64*
5084	*Industrial-machinery distributors*	*51*	*4*	*875.1*	*2.3118*	*42*
6025	*National banks, federal reserve system*	*33*	*20*	*14,014.4*	*13.0932*	*99*
7011	*Hotels, motels, & tourist courts*	*72*	*39*	*1,297.2*	*7.4402*	*95*
7372	*Computer programming & software*	*32*	*8*	*245.4*	*2.6033*	*75*
7374	*Data-processing services*	*52*	*11*	*317.1*	*4.9079*	*69*
8062	*General medical & surgical hospitals*	*35*	*33*	*3,141.3*	*2.1737*	*100*
8221	*Colleges & universities n.e.c.*	*32*	*18*	*995.7*	*.8407*	*96*
Niagara	**All mfg.**	**143**	**55**	**4,432.9**	**.2277**	**92**
2819	Industrial inorganic chemicals n.e.c.	4	3	102.0	.8712	98
2821	Plastics materials & synthetic resins	3	3	298.0	1.7034	100
2869	Industrial organic chemicals n.e.c.	7	3	1,256.8	3.4180	96
3291	Abrasive products	3	3	197.5	6.5192	100
3624	Carbon & graphite products	3	3	141.4	10.7171	100
3714	Motor-vehicle parts & accessories	3	1	926.2	2.1793	98
3728	Aircraft equipment n.e.c.	1	1	301.7	3.1895	100
8062	*General medical & surgical hospitals*	*5*	*5*	*136.6*	*.0945*	*100*
Oneida	**All mfg.**	**146**	**44**	**1,667.2**	**.0856**	**80**
3357	Nonferrous-wire drawing & insulating	3	2	183.8	2.1407	93
3546	Power-driven hand tools	1	1	74.0	5.2497	100
3662	Radio & TV communication equipment	2	1	130.3	.3988	97
3914	Silverware & plated & stainless ware	2	2	108.9	19.0052	100
8062	*General medical & surgical hospitals*	*8*	*8*	*260.0*	*.1799*	*100*
Onondaga	**All mfg.**	**276**	**84**	**3,199.1**	**.1643**	**79**
2812	Alkalies & chlorine	3	2	89.7	6.2244	97
2844	Toilet preparations	1	1	227.8	2.5992	100
3262	Vitreous china food utensils	1	1	37.0	13.2759	100
3312	Blast furnaces & steel mills	1	1	226.1	.6007	100
3585	Refrigeration & heating equipment	1	1	137.5	1.1051	100
3662	Radio & TV communication equipment	7	5	151.4	.4634	94
3671	Electron tubes	2	2	158.4	6.3655	100
3714	Motor-vehicle parts & accessories	4	3	356.3	.8384	99
4931	*Electric & other services combined*	*1*	*1*	*980.1*	*2.9258*	*100*
6025	*National banks, federal reserve system*	*5*	*3*	*242.5*	*.2266*	*97*
8062	*General medical & surgical hospitals*	*6*	*5*	*275.1*	*.1904*	*99*
8221	*Colleges & universities n.e.c.*	*4*	*1*	*68.5*	*.3330*	*86*
Ontario	**All mfg.**	**58**	**21**	**444.3**	**.0228**	**73**
Orange	**All mfg.**	**137**	**45**	**1,286.7**	**.0661**	**76**
8062	*General medical & surgical hospitals*	*10*	*8*	*160.5*	*.1111*	*95*
8221	*Colleges & universities n.e.c.*	*2*	*1*	*77.2*	*.3753*	*98*
Orleans	**All mfg.**	**18**	**4**	**185.7**	**.0095**	**70**
3944	Games, toys, & children's vehicles	1	1	88.1	2.0082	100
Oswego	**All mfg.**	**47**	**18**	**1,195.6**	**.0614**	**92**
2066	Chocolate & cocoa products	1	1	251.4	11.4107	100
4912	*Nuclear power*	*2*	*2*	*614.8*	*4.5149*	*100*
Otsego	**All mfg.**	**18**	**3**	**93.1**	**.0048**	**33**
8062	*General medical & surgical hospitals*	*2*	*2*	*64.6*	*.0447*	*100*
Putnam	**All mfg.**	**17**	**4**	**84.4**	**.0043**	**59**
Queens	**All mfg.**	**898**	**238**	**6,451.2**	**.3314**	**70**
1623	*Pipe- & utility-line construction*	*8*	*3*	*75.5*	*1.3134*	*85*
2013	Sausages & other prepared meats	9	6	206.8	1.9450	91
2026	Fluid milk	4	4	206.3	1.2061	100
2051	Bread, cake, & related products	7	5	96.9	.7752	91
2086	Bottled & canned soft drinks	5	4	185.2	1.0805	98
2253	Knit-outerwear mills	25	6	98.2	3.3441	57
2339	Women's & misses' outerwear n.e.c.	7	3	53.1	1.1353	82
2643	Bags, except textile bags	5	2	177.9	2.8557	94
2653	Corrugated & solid fiber boxes	12	4	104.8	1.0140	71
2751	Letterpress commercial printing	23	3	33.1	.6939	34
2782	Blankbooks & looseleaf binders	4	2	91.2	4.2968	94
3079	Miscellaneous plastics products	28	8	127.5	.4265	50
3357	Nonferrous-wire drawing & insulating	2	1	148.4	1.7284	97
3442	Metal doors, sash, & trim	13	4	64.5	1.4958	77
3499	Fabricated metal products n.e.c.	14	3	66.7	1.5842	68
3579	Office machines n.e.c.	2	1	190.9	3.9224	98
3643	Current-carrying wiring devices	2	2	51.7	1.7779	100
3662	Radio & TV communication equipment	18	6	286.7	.8775	82
3694	Engine electrical equipment	2	2	83.7	1.8856	100
3873	Watches, clocks, & watchcases	5	3	72.1	5.7095	95
3993	Signs & advertising displays	20	4	39.4	2.3504	41
3999	Manufactures n.e.c.	12	4	45.7	1.6937	65
4011	*Line-haul-operating railroads*	*2*	*2*	*118.9*	*.8347*	*100*
5063	*Electrical-power-equipment wholesalers*	*8*	*2*	*1,730.0*	*4.8287*	*95*
8062	*General medical & surgical hospitals*	*18*	*17*	*757.5*	*.5242*	*99*
8221	*Colleges & universities n.e.c.*	*7*	*5*	*189.5*	*.9213*	*98*
Rensselaer	**All mfg.**	**63**	**20**	**744.7**	**.0383**	**81**
2321	Men's & boys' shirts & nightwear	2	2	58.5	1.5114	100
3292	Asbestos products	2	1	52.3	5.9089	91
8062	*General medical & surgical hospitals*	*3*	*3*	*93.5*	*.0647*	*100*
Richmond	**All mfg.**	**34**	**10**	**667.6**	**.0343**	**75**
2841	Soap & other detergents	1	1	255.1	2.8387	100
8062	*General medical & surgical hospitals*	*6*	*6*	*400.7*	*.2773*	*100*
Rockland	**All mfg.**	**102**	**40**	**1,621.3**	**.0833**	**88**
2834	Pharmaceutical preparations	2	2	504.0	2.8075	100
2844	Toilet preparations	1	1	151.8	1.7320	100
4931	*Electric & other services combined*	*3*	*1*	*291.9*	*.8714*	*95*
8062	*General medical & surgical hospitals*	*6*	*6*	*266.7*	*.1846*	*100*
St. Lawrence	**All mfg.**	**34**	**14**	**734.0**	**.0377**	**90**
3334	Primary aluminum	2	2	413.3	6.4518	100
Saratoga	**All mfg.**	**43**	**15**	**635.9**	**.0327**	**75**
2621	Paper mills, except building paper	4	3	157.5	.7550	97
Schenectady	**All mfg.**	**54**	**17**	**1,940.6**	**.0997**	**95**
3511	Turbines & turbine-generator set units	3	3	1,584.3	52.9973	100
3621	Motors & generators	1	1	53.6	.8751	100
8062	*General medical & surgical hospitals*	*4*	*4*	*127.3*	*.0881*	*100*
Schoharie	**All mfg.**	**4**		**9.2**	**.0005**	**0**
Schuyler	**All mfg.**	**8**	**4**	**100.4**	**.0052**	**81**
Seneca	**All mfg.**	**14**	**6**	**327.6**	**.0168**	**95**
3561	Pumps & pumping equipment	1	1	76.0	1.4372	100
3671	Electron tubes	1	1	196.6	7.9007	100
Steuben	**All mfg.**	**37**	**17**	**1,197.5**	**.0615**	**92**
2084	Wines, brandy, & brandy spirits	5	3	190.9	7.3432	94
3229	Pressed & blown glass n.e.c.	2	2	573.4	17.5153	100
3563	Air & gas compressors	1	1	135.4	5.1577	100
8062	*General medical & surgical hospitals*	*5*	*5*	*101.8*	*.0704*	*100*
Suffolk	**All mfg.**	**798**	**233**	**6,332.4**	**.3253**	**72**
2051	Bread, cake, & related products	1	1	87.4	.6992	100
2711	Newspapers	17	4	206.1	.9662	87
2844	Toilet preparations	9	2	340.9	3.8896	82
3079	Miscellaneous plastics products	34	12	188.1	.6292	68
3573	Electronic computing equipment	18	8	555.5	1.4118	90
3599	Machinery, except electrical, n.e.c.	17	3	56.8	.6390	56
3651	Radio & TV receiving sets	8	3	96.5	1.4183	83
3662	Radio & TV communication equipment	40	23	743.9	2.2768	88
3679	Electronic components n.e.c.	36	11	221.8	1.7937	77
3721	Aircraft	2	1	361.3	1.1280	99
3728	Aircraft equipment n.e.c.	20	6	223.3	2.3606	73

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

NEW YORK (Suffolk, cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
3825	Electricity-measuring instruments	12	5	117.1	2.0860	85
3841	Surgical & medical instruments	9	3	56.2	1.8522	77
4911	*Electric services*	*9*	*3*	*242.7*	*.4003*	*91*
8062	*General medical & surgical hospitals*	*20*	*19*	*1,110.8*	*.7687*	*100*
8221	*Colleges & universities n.e.c.*	*4*	*3*	*227.4*	*1.1055*	*98*
Sullivan	**All mfg.**	**14**	**2**	**60.4**	**.0031**	**25**
7011	*Hotels, motels, & tourist courts*	*11*	*6*	*98.5*	*.5650*	*94*
Tioga	**All mfg.**	**18**	**10**	**464.3**	**.0238**	**95**
3574	Calculating & accounting machines	1	1	378.9	22.0946	100
Tompkins	**All mfg.**	**28**	**7**	**351.8**	**.0181**	**82**
3574	Calculating & accounting machines	1	1	155.0	9.0384	100
4931	*Electric & other services combined*	*2*	*1*	*415.1*	*1.2392*	*99*
8221	*Colleges & universities n.e.c.*	*2*	*2*	*104.3*	*.5071*	*100*
Ulster	**All mfg.**	**84**	**21**	**599.1**	**.0308**	**74**
3564	Blowers & exhaust & ventilation fans	2	1	60.6	3.8099	97
8062	*General medical & surgical hospitals*	*3*	*3*	*58.4*	*.0404*	*100*
Warren	**All mfg.**	**44**	**15**	**677.2**	**.0348**	**81**
8062	*General medical & surgical hospitals*	*2*	*2*	*88.3*	*.0611*	*100*
Washington	**All mfg.**	**24**	**13**	**508.1**	**.0261**	**94**
3629	Electrical industrial apparatus n.e.c.	1	1	84.9	7.7365	100
Wayne	**All mfg.**	**50**	**23**	**710.7**	**.0365**	**81**
2033	Canned fruits & vegetables	12	9	163.8	1.7898	93
3079	Miscellaneous plastics products	3	1	169.0	.5653	97
3293	Gaskets, packing, & sealing devices	2	2	73.4	4.2861	100
Westchester	**All mfg.**	**512**	**130**	**5,465.3**	**.2807**	**77**
1611	*Highway & street construction*	*6*	*4*	*86.3*	*.5418*	*96*
2721	Periodicals	7	1	352.5	3.2811	91
2741	Miscellaneous publishing	9	4	77.3	3.0889	82
2834	Pharmaceutical preparations	8	5	202.3	1.1269	93
3079	Miscellaneous plastics products	17	3	78.4	.2623	51
3357	Nonferrous-wire drawing & insulating	6	5	169.7	1.9765	97
3662	Radio & TV communication equipment	10	2	106.4	.3257	65
3678	Electronic connectors	4	2	115.8	4.3282	94
3679	Electronic components n.e.c.	16	7	68.3	.5523	72
3711	Motor vehicles & passenger-car bodies	1	1	1,569.9	1.5462	100
4912	*Nuclear power*	*2*	*2*	*405.3*	*2.9764*	*100*
5063	*Electrical-power-equipment wholesalers*	*15*	*2*	*570.9*	*1.5935*	*68*
5081	*Commercial-equipment wholesalers*	*11*	*3*	*158.5*	*1.2699*	*82*
6025	*National banks, federal reserve system*	*6*	*3*	*265.3*	*.2479*	*96*
7372	*Computer programming & software*	*10*	*4*	*941.1*	*9.9837*	*98*
7374	*Data-processing services*	*4*	*2*	*70.3*	*1.0881*	*93*
8062	*General medical & surgical hospitals*	*21*	*16*	*570.9*	*.3951*	*97*
Wyoming	**All mfg.**	**24**	**8**	**203.9**	**.0105**	**80**
3694	Engine electrical equipment	1	1	59.7	1.3449	100
Yates	**All mfg.**	**8**	**5**	**85.9**	**.0044**	**83**
STATE TOTAL	**All mfg.**	**12,036**	**3,034**	**114,826.4**	**5.8980**	**76**

NORTH CAROLINA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Alamance	**All mfg.**	**179**	**67**	**1,994.6**	**.1025**	**79**
2211	Cotton-weaving mills	3	3	77.1	1.4339	100
2221	Synthetics- & silk-weaving mills	4	4	350.3	3.9402	100
2251	Women's full- & knee-length hosiery	17	6	80.6	5.8614	74
2252	Hosiery n.e.c.	31	15	163.9	11.7122	82
2281	Yarn-spinning mills, except wool	8	4	74.6	1.5754	87
2282	Throwing & winding mills, except wool	7	5	149.8	7.6514	92
3662	Radio & TV communication equipment	1	1	349.0	1.0682	100
Alexander	**All mfg.**	**32**	**13**	**245.6**	**.0126**	**82**
2512	Upholstered wood household furniture	10	5	80.3	1.8287	88
Alleghany	**All mfg.**	**6**	**4**	**65.4**	**.0034**	**93**
Anson	**All mfg.**	**28**	**13**	**192.0**	**.0099**	**76**
Ashe	**All mfg.**	**10**	**5**	**128.3**	**.0066**	**86**
Avery	**All mfg.**	**7**	**4**	**49.8**	**.0026**	**73**
Beaufort	**All mfg.**	**28**	**12**	**483.3**	**.0248**	**87**
3634	Electric housewares & fans	1	1	133.0	3.8203	100
Bertie	**All mfg.**	**15**	**7**	**181.4**	**.0093**	**83**
Bladen	**All mfg.**	**19**	**8**	**125.4**	**.0064**	**61**
Brunswick	**All mfg.**	**15**	**2**	**204.1**	**.0105**	**74**
4912	*Nuclear power*	*2*	*2*	*822.8*	*6.0424*	*100*
Buncombe	**All mfg.**	**145**	**53**	**1,373.8**	**.0706**	**78**
2231	Wool-fabric weaving & finishing mills	2	1	35.6	4.2125	98
3613	Switchgear & switchboard apparatus	2	2	91.7	2.0774	100
8062	*General medical & surgical hospitals*	*7*	*7*	*160.3*	*.1109*	*100*
Burke	**All mfg.**	**73**	**33**	**768.5**	**.0395**	**84**
2251	Women's full- & knee-length hosiery	4	3	53.4	3.8834	95
2252	Hosiery n.e.c.	15	2	44.5	3.1799	53
2511	Wood household furniture	4	4	113.5	1.9163	100
2512	Upholstered wood household furniture	8	3	53.6	1.2207	87
8062	*General medical & surgical hospitals*	*3*	*3*	*114.7*	*.0794*	*100*
Cabarrus	**All mfg.**	**54**	**25**	**512.5**	**.0263**	**80**
2211	Cotton-weaving mills	4	4	129.7	2.4121	100
2251	Women's full- & knee-length hosiery	9	6	57.3	4.1670	92
2261	Cotton-finishing plants	3	3	98.1	8.9794	100
Caldwell	**All mfg.**	**67**	**31**	**680.6**	**.0350**	**84**
2511	Wood household furniture	14	13	307.6	5.1933	99
2512	Upholstered wood household furniture	8	4	77.4	1.7627	86
Carteret	**All mfg.**	**20**	**5**	**129.9**	**.0067**	**45**
Caswell	**All mfg.**	**6**	**1**	**36.4**	**.0019**	**58**
Catawba	**All mfg.**	**295**	**102**	**2,151.5**	**.1105**	**75**
2251	Women's full- & knee-length hosiery	11	4	62.6	4.5524	78
2252	Hosiery n.e.c.	42	7	127.8	9.1325	49
2257	Circular-knit fabric mills	4	3	180.4	5.7822	97
2381	Fabric dress & work gloves	5	4	20.3	7.1504	93
2511	Wood household furniture	15	9	182.8	3.0863	91
2512	Upholstered wood household furniture	64	28	403.5	9.1890	79
3612	Transformers	1	1	47.6	1.7121	100
Chatham	**All mfg.**	**27**	**19**	**360.9**	**.0185**	**88**
2281	Yarn-spinning mills, except wool	4	4	59.2	1.2502	100
Cherokee	**All mfg.**	**15**	**9**	**175.6**	**.0090**	**85**
Chowan	**All mfg.**	**10**	**5**	**62.2**	**.0032**	**70**
Clay	**All mfg.**	**6**	**2**	**32.8**	**.0017**	**43**
Cleveland	**All mfg.**	**92**	**42**	**1,319.6**	**.0678**	**88**
2221	Synthetics- & silk-weaving mills	6	6	307.2	3.4554	100
2281	Yarn-spinning mills, except wool	10	7	141.4	2.9861	93
3229	Pressed & blown glass n.e.c.	1	1	75.5	2.3063	100
Columbus	**All mfg.**	**35**	**11**	**519.4**	**.0267**	**82**
2631	Paperboard mills	1	1	321.8	2.9107	100
Craven	**All mfg.**	**33**	**9**	**266.9**	**.0137**	**66**
Cumberland	**All mfg.**	**69**	**25**	**989.3**	**.0508**	**76**
3011	Tires & inner tubes	1	1	224.7	2.1399	100
8062	*General medical & surgical hospitals*	*2*	*2*	*118.7*	*.0821*	*100*
Currituck	**All mfg.**	**1**		**8.0**	**.0004**	**0**
Dare	**All mfg.**	**4**		**6.0**	**.0003**	**0**
Davidson	**All mfg.**	**113**	**45**	**1,150.9**	**.0591**	**85**
2252	Hosiery n.e.c.	12	5	58.7	4.1947	66
2321	Men's & boys' shirts & nightwear	3	3	46.4	1.1988	100
2511	Wood household furniture	12	10	297.8	5.0279	99
3229	Pressed & blown glass n.e.c.	1	1	94.4	2.9836	100
Davie	**All mfg.**	**20**	**10**	**291.5**	**.0150**	**92**
Duplin	**All mfg.**	**32**	**16**	**479.0**	**.0246**	**80**
2261	Cotton-finishing plants	1	1	24.9	2.2792	100
Durham	**All mfg.**	**78**	**24**	**3,191.3**	**.1639**	**94**
2111	Cigarettes	2	2	1,288.6	9.8414	100
2211	Cotton-weaving mills	1	1	36.5	.6788	100
3573	Electronic computing equipment	1	1	962.8	2.4469	100
3861	Photographic equipment & supplies	1	1	217.4	1.1996	100
8062	*General medical & surgical hospitals*	*4*	*3*	*121.2*	*.0839*	*97*
Edgecombe	**All mfg.**	**59**	**24**	**866.6**	**.0445**	**79**
2257	Circular-knit fabric mills	3	2	160.8	5.1540	93
Forsyth	**All mfg.**	**147**	**63**	**7,580.7**	**.3894**	**97**
2111	Cigarettes	1	1	4,582.1	34.9950	100
2131	Chewing & smoking tobacco & snuff	3	3	272.6	33.1630	100
2251	Women's full- & knee-length hosiery	3	3	138.3	10.0575	100
2322	Men's & boys' underwear	1	1	39.1	9.4834	100
3353	Aluminum sheet, plate, & foil	1	1	505.5	5.8789	100
3498	Fabricated pipe & fittings	1	1	89.6	3.3573	100
3661	Telephone & telegraph apparatus	1	1	612.8	3.8311	100
8062	*General medical & surgical hospitals*	*4*	*3*	*198.5*	*.1374*	*99*
Franklin	**All mfg.**	**23**	**7**	**171.1**	**.0088**	**63**
Gaston	**All mfg.**	**260**	**115**	**2,623.3**	**.1347**	**85**
2269	Textile-finishing plants n.e.c.	4	3	44.2	6.1016	93
2281	Yarn-spinning mills, except wool	51	46	795.6	16.8015	99
2284	Thread mills	8	5	115.7	15.4535	86
2296	Tire cord & fabric	1	1	132.5	12.2187	100
3552	Textile machinery	40	5	69.8	6.5787	45
3714	Motor vehicle parts & accessories	2	2	133.9	.3151	100
Gates	**All mfg.**	**4**		**11.8**	**.0006**	**0**
Graham	**All mfg.**	**4**	**4**	**41.7**	**.0021**	**100**
Granville	**All mfg.**	**36**	**17**	**601.8**	**.0309**	**83**
8062	*General medical & surgical hospitals*	*2*	*2*	*61.9*	*.0428*	*100*
Greene	**All mfg.**	**11**	**3**	**40.5**	**.0021**	**41**
Guilford	**All mfg.**	**462**	**141**	**4,233.9**	**.2175**	**74**
2111	Cigarettes	1	1	572.7	4.3739	100
2211	Cotton-weaving mills	4	3	83.4	1.5510	98
2251	Women's full- & knee-length hosiery	8	5	49.0	3.5634	85
2252	Hosiery n.e.c.	8	5	67.8	4.8449	93
2261	Cotton-finishing plants	1	1	43.4	3.9725	100
2297	Nonwoven fabrics	1	1	220.8	16.8730	100
2341	Women's & children's underwear	4	4	59.7	2.2573	100

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified

County SIC	Industry	Establishments Total	Establishments Large	1983 (S&MM Est.) Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
2511	Wood household furniture	13	6	82.4	1.3912	78
2512	Upholstered wood household furniture	51	12	217.0	4.9418	62
2521	Wood office furniture	3	3	87.4	6.9042	100
2649	Converted paper products n.e.c.	5	1	66.2	2.4568	71
3079	Miscellaneous plastics products	20	6	135.6	.4536	62
3552	Textile machinery	9	2	31.5	2.9689	83
8062	*General medical & surgical hospitals*	*5*	*4*	*146.8*	*.1016*	*99*
Halifax	**All mfg.**	**38**	**18**	**658.8**	**.0338**	**84**
2211	Cotton-weaving mills	2	2	45.7	.8499	100
2221	Synthetics- & silk-weaving mills	1	1	175.1	1.9695	100
Harnett	**All mfg.**	**34**	**16**	**311.4**	**.0160**	**79**
2211	Cotton-weaving mills	1	1	36.5	.6788	100
Haywood	**All mfg.**	**20**	**8**	**860.7**	**.0442**	**96**
2611	Pulp mills	1	1	256.3	8.0453	100
2621	Paper mills, except building paper	1	1	367.4	1.7612	100
3041	Rubber & plastic hose & belting	1	1	126.6	6.2916	100
Henderson	**All mfg.**	**47**	**15**	**505.8**	**.0260**	**83**
3648	Lighting equipment n.e.c.	1	1	65.2	5.5579	100
Hertford	**All mfg.**	**20**	**10**	**304.3**	**.0156**	**58**
Hoke	**All mfg.**	**6**	**3**	**52.1**	**.0027**	**81**
Hyde	**All mfg.**	**6**		**16.1**	**.0008**	**0**
Iredell	**All mfg.**	**113**	**42**	**1,070.8**	**.0550**	**80**
2211	Cotton-weaving mills	1	1	36.5	.6788	100
2221	Synthetics- & silk-weaving mills	2	2	137.5	1.5466	100
2281	Yarn-spinning mills, except wool	6	6	83.9	1.7718	100
2328	Men's & boys' work clothing	1	1	96.2	1.9856	100
Jackson	**All mfg.**	**5**	**2**	**46.3**	**.0024**	**71**
Johnston	**All mfg.**	**51**	**17**	**617.3**	**.0317**	**69**
Jones	**All mfg.**	**2**		**3.5**	**.0002**	**0**
Lee	**All mfg.**	**59**	**26**	**556.5**	**.0286**	**78**
Lenoir	**All mfg.**	**42**	**15**	**926.7**	**.0476**	**84**
2321	Men's & boys' shirts & nightwear	3	3	60.2	1.5554	100
2824	Noncellulosic synthetic organic fibers	1	1	408.7	4.0013	100
8062	*General medical & surgical hospitals*	*2*	*2*	*92.5*	*.0640*	*100*
Lincoln	**All mfg.**	**49**	**16**	**417.7**	**.0215**	**70**
McDowell	**All mfg.**	**37**	**16**	**589.6**	**.0303**	**90**
2221	Synthetics- & silk-weaving mills	2	2	140.0	1.5747	100
2281	Yarn-spinning mills, except wool	2	2	57.5	1.2143	100
2511	Wood household furniture	3	3	56.3	.9505	100
2834	Pharmaceutical preparations	1	1	150.7	.8395	100
Macon	**All mfg.**	**8**	**3**	**69.5**	**.0036**	**82**
Madison	**All mfg.**	**5**	**4**	**35.1**	**.0018**	**91**
Martin	**All mfg.**	**17**	**9**	**251.6**	**.0129**	**85**
Mecklenburg	**All mfg.**	**432**	**115**	**3,797.1**	**.1950**	**70**
1611	*Highway & street construction*	*6*	*2*	*102.2*	*.6416*	*93*
1629	*Heavy construction n.e.c.*	*5*	*2*	*475.3*	*2.0075*	*97*
2051	Bread, cake, & related products	4	3	82.3	.6584	92
2052	Cookies & crackers	3	2	123.5	2.7410	97
2751	Letterpress commercial printing	9	3	26.7	.5598	76
2865	Cyclic crudes & intermediates	5	2	286.9	3.7514	84
3079	Miscellaneous plastics products	19	6	166.4	.5566	73
3552	Textile machinery	22	6	55.1	5.1932	61
4911	*Electric services*	*1*	*1*	*1,171.3*	*1.9319*	*100*
5084	*Industrial-machinery distributors*	*45*	*2*	*448.0*	*1.1835*	*15*
6025	*National banks, federal reserve system*	*4*	*2*	*932.0*	*.8707*	*99*
7011	*Hotels, motels, & tourist courts*	*14*	*3*	*48.7*	*.2793*	*56*
8062	*General medical & surgical hospitals*	*7*	*7*	*274.1*	*.1897*	*100*
Mitchell	**All mfg.**	**14**	**5**	**110.3**	**.0057**	**83**
Montgomery	**All mfg.**	**40**	**18**	**277.7**	**.0143**	**75**
2252	Hosiery n.e.c.	11	4	85.3	6.0955	86
Moore	**All mfg.**	**43**	**15**	**428.6**	**.0220**	**78**
Nash	**All mfg.**	**64**	**22**	**840.9**	**.0432**	**83**
2834	Pharmaceutical preparations	1	1	251.2	1.3993	100
New Hanover	**All mfg.**	**67**	**23**	**1,236.9**	**.0635**	**77**
2824	Noncellulosic synthetic organic fibers	1	1	326.9	3.2004	100
3443	Fabricated plate work (boiler shops)	2	2	143.4	1.5023	100
8062	*General medical & surgical hospitals*	*2*	*2*	*80.4*	*.0556*	*100*
Northampton	**All mfg.**	**20**	**6**	**142.5**	**.0073**	**66**
Onslow	**All mfg.**	**17**	**10**	**336.2**	**.0173**	**81**
8062	*General medical & surgical hospitals*	*2*	*2*	*62.8*	*.0435*	*100*
Orange	**All mfg.**	**17**	**6**	**93.3**	**.0048**	**70**
8062	*General medical & surgical hospitals*	*1*	*1*	*147.3*	*.1019*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*247.0*	*1.2008*	*100*
Pamlico	**All mfg.**	**8**		**35.3**	**.0018**	**0**
Pasquotank	**All mfg.**	**16**	**2**	**93.9**	**.0048**	**49**
Pender	**All mfg.**	**6**	**3**	**37.2**	**.0019**	**92**
Perquimans	**All mfg.**	**1**	**1**	**8.6**	**.0004**	**100**
Person	**All mfg.**	**17**	**7**	**258.3**	**.0133**	**84**
2231	Wool-fabric weaving & finishing mills	1	1	24.9	2.9464	100
Pitt	**All mfg.**	**52**	**18**	**891.4**	**.0458**	**82**
2141	Tobacco stemming & redrying	4	3	258.2	7.4689	97
Polk	**All mfg.**	**11**	**5**	**81.4**	**.0042**	**81**
Randolph	**All mfg.**	**112**	**39**	**1,116.2**	**.0573**	**79**
2221	Synthetics- & silk-weaving mills	2	2	250.2	2.8142	100
2251	Women's full- & knee-length hosiery	17	8	115.7	8.4139	[illegible]
2511	Wood household furniture	5	4	54.4	.9185	[illegible]
Richmond	**All mfg.**	**42**	**14**	**569.3**	**.0292**	**83**
2221	Synthetics- & silk-weaving mills	3	3	198.2	2.2293	100
3714	Motor-vehicle parts & accessories		1	114.0	.2682	100
Robeson	**All mfg.**	**76**	**32**	**823.2**	**.0423**	**79**
2281	Yarn-spinning mills, except wool	4	4	60.7	1.2819	100
3021	Rubber & plastic footwear	1	1	50.7	7.6355	100
Rockingham	**All mfg.**	**50**	**30**	**1,749.4**	**.0899**	**97**
2082	Malt beverages	1	1	500.4	4.1927	100
2111	Cigarettes	1	1	572.7	4.3739	100
2211	Cotton-weaving mills	4	4	79.4	1.4766	100
2254	Knit-underwear mills	1	1	32.6	3.4699	100
2281	Yarn-spinning mills, except wool	5	5	137.2	2.8974	100
Rowan	**All mfg.**	**83**	**36**	**1,101.3**	**.0566**	**84**
2211	Cotton-weaving mills	4	3	65.8	1.2237	97
2281	Yarn-spinning mills, except wool	6	5	162.3	3.4274	97
2824	Noncellulosic synthetic organic fibers	1	1	277.9	2.7207	100
8062	*General medical & surgical hospitals*	*1*	*1*	*58.6*	*.0406*	*100*
Rutherford	**All mfg.**	**50**	**20**	**646.3**	**.0332**	**82**
2211	Cotton-weaving mills	8	7	164.2	3.0537	99
2221	Synthetics- & silk-weaving mills	2	2	187.6	2.1101	100
Sampson	**All mfg.**	**33**	**11**	**396.6**	**.0204**	**84**
Scotland	**All mfg.**	**27**	**13**	**319.6**	**.0164**	**77**
Stanly	**All mfg.**	**48**	**21**	**654.6**	**.0336**	**84**
2251	Women's full- & knee-length hosiery	2	2	91.1	6.6250	100
2281	Yarn-spinning mills, except wool	4	4	60.5	1.2776	100
2321	Men's & boys' shirts & nightwear	2	2	34.4	.8888	100
Stokes	**All mfg.**	**6**	**2**	**55.9**	**.0029**	**87**
Surry	**All mfg.**	**61**	**31**	**738.5**	**.0379**	**90**
2231	Wool-fabric weaving & finishing mills	1	1	67.0	7.9281	100
2252	Hosiery n.e.c.	9	4	119.0	8.5036	90
2253	Knit-outerwear mills	3	3	106.4	3.6234	100
2339	Women's & misses' outerwear n.e.c.	3	3	62.4	1.3341	100
2511	Wood household furniture	4	3	55.5	.9370	97
3634	Electric housewares & fans	1	1	76.0	2.1830	100
Swain	**All mfg.**	**8**	**4**	**60.8**	**.0031**	**81**
Transylvania	**All mfg.**	**8**	**5**	**435.2**	**.0224**	**99**
2621	Paper mills, except building paper	1	1	229.6	1.1007	100
Tyrrell	**All mfg.**	**3**		**15.9**	**.0008**	**0**
Union	**All mfg.**	**67**	**34**	**704.0**	**.0362**	**82**
Vance	**All mfg.**	**37**	**12**	**381.4**	**.0196**	**76**
2281	Yarn-spinning mills, except wool	2	2	104.6	2.2089	100
Wake	**All mfg.**	**149**	**61**	**1,977.8**	**.1016**	**83**
3494	Valves & pipe fittings	3	2	84.9	.9775	96
3661	Telephone & telegraph apparatus	2	1	167.2	1.0453	97
3679	Electronic components n.e.c.	8	3	74.6	.6033	85
3825	Electricity-measuring instruments	1	1	90.6	1.6139	100
4911	*Electric services*	*3*	*1*	*180.1*	*.2971*	*95*
6025	*National banks, federal reserve system*	*2*	*1*	*212.6*	*.1986*	*98*
8062	*General medical & surgical hospitals*	*6*	*4*	*186.1*	*.1288*	*97*
8221	*Colleges & universities n.e.c.*	*4*	*1*	*64.3*	*.3126*	*92*
Warren	**All mfg.**	**9**	**4**	**56.6**	**.0029**	**59**
Washington	**All mfg.**	**9**	**6**	**542.7**	**.0279**	**97**
2631	Paperboard mills	1	1	459.7	4.1580	100
Watauga	**All mfg.**	**12**	**6**	**114.3**	**.0059**	**92**
Wayne	**All mfg.**	**60**	**27**	**629.1**	**.0323**	**76**
8062	*General medical & surgical hospitals*	*4*	*4*	*115.2*	*.0797*	*100*
Wilkes	**All mfg.**	**37**	**14**	**643.8**	**.0331**	**90**
2016	Poultry-dressing plants	1	1	326.6	3.5483	100
2251	Women's full- & knee-length hosiery	2	1	41.8	3.0398	97
Wilson	**All mfg.**	**55**	**23**	**1,116.4**	**.0573**	**89**
2141	Tobacco stemming & redrying	4	3	341.3	9.8727	97
3011	Tires & inner tubes	1	1	224.7	2.1399	100
8062	*General medical & surgical hospitals*	*2*	*2*	*51.3*	*.0355*	*100*
Yadkin	**All mfg.**	**9**	**4**	**95.3**	**.0049**	**90**
Yancey	**All mfg.**	**8**	**5**	**55.4**	**.0028**	**89**
STATE TOTAL	**All mfg.**	**4,981**	**1,906**	**65,310.9**	**3.3547**	**83**

NORTH DAKOTA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Adams	**All mfg.**	**2**		**8.8**	**.0005**	**0**
Barnes	**All mfg.**	**3**		**4.6**	**.0002**	**0**
Benson	**All mfg.**	**2**	**1**	**5.5**	**.0003**	**73**
Bottineau	**All mfg.**	**2**		**6.5**	**.0003**	**0**
Burke	**All mfg.**	**1**		**14.4**	**.0007**	**0**
Burleigh	**All mfg.**	**25**	**4**	**144.2**	**.0074**	**24**
8062	*General medical & surgical hospitals*	*2*	*2*	*53.2*	*.0368*	*100*
Cass	**All mfg.**	**42**	**7**	**297.8**	**.0153**	**49**
3523	Farm machinery & equipment	4	2	74.9	.7956	89
8062	*General medical & surgical hospitals*	*4*	*4*	*114.9*	*.0795*	*100*
Dickey	**All mfg.**	**4**		**11.6**	**.0006**	**0**
Eddy	**All mfg.**	**1**		**2.6**	**.0001**	**0**
Emmons	**All mfg.**	**1**		**6.6**	**.0003**	**0**
Foster	**All mfg.**	**2**		**4.0**	**.0002**	**0**
Grand Forks	**All mfg.**	**25**	**6**	**182.0**	**.0093**	**47**
8062	*General medical & surgical hospitals*	*4*	*3*	*57.3*	*.0397*	*97*

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship Recpt	% In Large Estab
North Dakota (cont.)						
Griggs	All mfg.	2	1	14.6	.0007	79
Hettinger	All mfg.	1		5.2	.0003	0
McHenry	All mfg.	1		13.2	.0007	0
McIntosh	All mfg.	2		9.2	.0005	0
McLean	All mfg.	1	1	31.6	.0016	100
Morton	All mfg.	14	1	479.1	.0246	88
Mountrail	All mfg.	2		7.6	.0004	0
Nelson	All mfg.	2		9.8	.0005	0
Pembina	All mfg.	4	1	29.7	.0015	68
Pierce	All mfg.	1		3.5	.0002	0
Ramsey	All mfg.	6		11.0	.0006	0
Ransom	All mfg.	3		42.9	.0022	0
Richland	All mfg.	13	2	71.2	.0037	51
Rolette	All mfg.	3	1	19.4	.0010	37
Sargent	All mfg.	4	1	24.9	.0013	39
Sheridan	All mfg.	1		1.5	.0001	0
Sioux	All mfg.	1		9.9	.0005	0
Stark	All mfg.	13	1	117.9	.0061	28
Stutsman	All mfg.	11	3	95.4	.0049	54
Towner	All mfg.	1		1.4	.0001	0
Traill	All mfg.	4	1	33.8	.0017	81
Walsh	All mfg.	1		1.5	.0001	0
Ward	All mfg.	11	2	52.3	.0027	43
8062	*General medical & surgical hospitals*	*4*	*3*	*70.5*	*.0488*	*98*
Williams	All mfg.	7	1	137.8	.0071	2
STATE TOTAL	All mfg.	219	34	1,913.0	.0983	49
OHIO						
Adams	All mfg.	5	3	53.6	.0028	87
Allen	All mfg.	97	38	2,814.0	.1445	91
3621	Motors & generators	3	3	70.7	1.1543	100
3714	Motor-vehicle parts & accessories	6	5	348.7	.8205	97
3795	Tanks & tank components	1	1	450.0	33.4076	100
8062	*General medical & surgical hospitals*	*5*	*4*	*161.3*	*.1116*	*98*
Ashland	All mfg.	40	18	530.4	.0272	85
3069	Fabricated rubber products n.e.c.	7	6	91.2	1.5992	99
3561	Pumps & pumping equipment	3	3	107.0	2.0235	100
3714	Motor-vehicle parts & accessories	2	2	121.9	.2868	100
Ashtabula	All mfg.	114	35	1,093.1	.0561	76
3079	Miscellaneous plastics products	18	7	199.6	.6677	85
Athens	All mfg.	11	3	74.3	.0038	45
8062	*General medical & surgical hospitals*	*4*	*4*	*68.5*	*.0474*	*100*
Auglaize	All mfg.	41	15	485.0	.0249	82
3069	Fabricated rubber products n.e.c.	2	2	72.3	1.2678	100
Belmont	All mfg.	31	14	331.4	.0170	87
1211	*Bituminous-coal & lignite mining*	*13*	*6*	*382.5*	*2.0817*	*91*
Brown	All mfg.	6	2	31.6	.0016	59
Butler	All mfg.	137	47	2,352.0	.1208	91
2621	Paper mills, except building paper	5	5	511.6	2.4525	100
3312	Blast furnaces & steel mills	1	1	598.4	1.5898	100
3316	Cold-rolled steel sheet, strip, & bars	1	1	42.8	1.9509	100
3465	Automotive stampings	1	1	340.1	3.9685	100
3499	Fabricated metal products n.e.c.	7	3	104.3	2.4773	91
8062	*General medical & surgical hospitals*	*4*	*4*	*116.9*	*.0809*	*100*
Carroll	All mfg.	11	4	67.2	.0035	56
Champaign	All mfg.	23	8	276.6	.0142	82
Clark	All mfg.	113	32	767.2	.0394	72
3536	Hoists, industrial cranes, & monorails	1	1	42.7	4.3053	100
3713	Truck & bus bodies	1	1	92.1	3.7079	100
8062	*General medical & surgical hospitals*	*2*	*2*	*88.6*	*.0613*	*100*
Clermont	All mfg.	41	8	214.5	.0110	56
3559	Special-industry machinery n.e.c.	1	1	56.9	1.3154	100
Clinton	All mfg.	31	10	234.2	.0120	73
Columbiana	All mfg.	92	23	579.0	.0297	68
8062	*General medical & surgical hospitals*	*2*	*2*	*55.2*	*.0382*	*100*
Coshocton	All mfg.	36	10	295.4	.0152	81
Crawford	All mfg.	53	14	527.5	.0271	79
3562	Ball & roller bearings	1	1	67.7	2.0767	100
3713	Truck & bus bodies	2	2	37.2	1.4976	100
Cuyahoga	All mfg.	1,885	490	17,983.2	.9237	77
1611	*Highway & street construction*	*8*	*4*	*174.7*	*1.0968*	*93*
1629	*Heavy construction n.e.c.*	*15*	*6*	*266.0*	*1.1235*	*90*
2038	Frozen food specialties	2	2	197.4	4.2406	100
2051	Bread, cake, & related products	9	6	135.2	1.0816	95
2086	Bottled & canned soft drinks	6	4	154.7	.9026	96
2311	Men's & boys' suits & coats	3	3	95.4	2.9773	100
2542	Metal partitions & fixtures	8	4	114.0	5.1830	92
2653	Corrugated & solid fiber boxes	16	7	136.9	1.3246	68
2711	Newspapers	13	6	267.2	1.2527	94
2751	Letterpress commercial printing	34	4	44.0	.9225	36
2752	Lithographic commercial printing	41	3	202.4	1.3703	18
2819	Industrial inorganic chemicals n.e.c.	7	4	221.5	1.8918	91
2851	Paints & allied products	23	4	274.2	3.0713	57
2891	Adhesives & sealants	8	2	133.1	5.6917	81
2899	Chemical preparations n.e.c.	23	5	146.9	2.6062	54
3079	Miscellaneous plastics products	55	12	296.2	.9908	62
3269	Pottery products n.e.c.	4	2	35.1	11.7588	95
3312	Blast furnaces & steel mills	6	3	1,150.4	3.0563	98
3316	Cold-rolled steel sheet, strip, & bars	3	2	95.4	4.3484	99
3317	Steel pipe & tubes	4	4	119.6	3.6459	100
3321	Gray-iron foundries	7	4	269.7	3.4542	97
3341	Secondary nonferrous metals	13	6	192.1	4.4465	70
3351	Copper rolling & drawing	5	4	186.0	4.0196	92
3361	Aluminum foundries	20	10	131.8	4.1987	81
3429	Hardware n.e.c.	14	5	88.9	1.5902	67
3433	Heating equipment, except electric	10	3	45.7	2.6110	79
3441	Fabricated structural metal	29	7	106.2	1.2930	54
3444	Sheet-metal work	22	3	56.4	.9823	38
3451	Screw-machine products	36	4	78.2	3.8488	40
3452	Bolts, nuts, rivets, & washers	32	15	233.5	5.7571	78
3462	Iron & steel forgings	26	7	138.6	3.7807	61
3463	Nonferrous forgings	3	1	201.1	17.9907	97
3465	Automotive stampings	5	3	392.7	4.5823	99
3469	Metal stampings n.e.c.	42	15	191.3	3.0022	69
3471	Plating & polishing	41		46.6	2.4028	0
3494	Valves & pipe fittings	18	3	97.5	1.1226	45
3496	Miscellaneous fabricated wire products	13	4	37.4	2.2322	76
3499	Fabricated metal products n.e.c.	37	6	166.5	3.9547	55
3524	Lawn & garden equipment	2	2	64.6	4.6595	100
3531	Construction machinery	12	8	229.1	1.9010	94
3537	Industrial trucks & tractors	10	4	74.3	4.5898	85
3541	Metal-cutting machine tools	22	9	191.0	5.1552	87
3544	Special dies, tools, jigs, & fixtures	76	7	110.1	3.6989	42
3545	Machine-tool accessories	21	7	144.1	5.9031	87
3559	Special-industry machinery n.e.c.	30	11	176.6	4.0826	81
3564	Blowers & exhaust & ventilation fans	8	4	46.0	2.8920	83
3568	Power-transmission equipment n.e.c.	13	5	97.7	5.3373	87
3569	General industrial machinery n.e.c.	13	5	72.0	2.2021	81
3592	Carburetors, pistons, rings, & valves	4	2	197.2	8.3249	97
3599	Machinery, except electrical, n.e.c.	74	4	149.7	1.6840	16
3621	Motors & generators	8	5	162.9	2.6596	96
3622	Industrial controls	12	6	154.4	3.7296	91
3623	Electric welding apparatus	5	2	177.4	10.6617	94
3624	Carbon & graphite products	5	5	100.3	7.6233	98
3641	Electric lamps	3	3	133.9	6.2346	100
3662	Radio & TV communication equipment	11	7	306.9	.9393	95
3679	Electronic components n.e.c.	6	3	50.3	.4068	93
3692	Dry & wet primary batteries	1	1	108.4	9.5667	100
3694	Engine electrical equipment	3	2	70.5	1.5882	93
3711	Motor vehicles & passenger-car bodies	1	1	511.8	.5041	100
3714	Motor-vehicle parts & accessories	42	26	2,217.5	5.2177	97
3724	Aircraft engines & engine parts	3	1	179.5	1.1825	91
3728	Aircraft equipment n.e.c.	10	3	116.2	1.2284	88
3842	Surgical appliances & supplies	7	1	105.0	2.3566	80
4011	*Line-haul-operating railroads*	*3*	*2*	*863.0*	*6.0586*	*100*
4911	*Electric services*	*4*	*2*	*906.9*	*1.4958*	*98*
4924	*Natural-gas distribution*	*3*	*1*	*249.0*	*1.9866*	*96*
5051	*Metals service centers & sales offices*	*59*	*4*	*1,611.9*	*2.9410*	*22*
5084	*Industrial-machinery distributors*	*61*	*1*	*546.8*	*1.4445*	*20*
5085	*Industrial-supply distributors*	*75*	*2*	*685.2*	*2.0450*	*10*
6025	*National banks, federal reserve system*	*8*	*5*	*1,323.7*	*1.2367*	*98*
7011	*Hotels, motels, & tourist courts*	*32*	*8*	*126.3*	*.7244*	*66*
7372	*Computer programming & software*	*7*	*4*	*104.9*	*1.1128*	*91*
8062	*General medical & surgical hospitals*	*35*	*32*	*1,540.0*	*1.0657*	*99*
8221	*Colleges & universities n.e.c.*	*10*	*4*	*86.1*	*.4186*	*91*
Darke	All mfg.	41	10	395.5	.0203	71
3714	Motor vehicle parts & accessories	1	1	159.5	.3753	100
Defiance	All mfg.	25	11	501.9	.0258	90
3321	Gray-iron foundries	1	1	269.2	3.4478	100
Delaware	All mfg.	35	12	530.4	.0272	89
Erie	All mfg.	74	29	921.2	.0473	86
3714	Motor-vehicle parts & accessories	2	2	245.0	.5765	100
8062	*General medical & surgical hospitals*	*3*	*3*	*62.7*	*.0434*	*100*
Fairfield	All mfg.	53	25	781.2	.0401	90
3229	Pressed & blown glass n.e.c.	3	3	274.9	8.3972	100
3567	Industrial process furnaces & ovens	1	1	39.1	4.5683	100
Fayette	All mfg.	26	11	362.7	.0186	84
Franklin	All mfg.	517	137	6,204.8	.3187	81

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
		Total	Large			
2023	Condensed & evaporated milk	1	1	289.5	6.1221	100
2051	Bread, cake, & related products	12	4	115.6	.9248	81
2295	Coated fabrics, not rubberized	1	1	85.6	8.2817	100
2721	Periodicals	6	2	167.0	1.5544	89
2751	Letterpress commercial printing	14	1	25.8	.5409	48
3079	Miscellaneous plastics products	23	7	202.6	.6777	80
3429	Hardware n.e.c.	1	1	236.4	4.2287	100
3444	Sheet-metal work	15	4	79.3	1.3811	78
3532	Mining machinery	1	1	69.0	3.8474	100
3562	Ball & roller bearings	1	1	84.7	2.5982	100
3585	Refrigeration & heating equipment	7	5	195.9	1.5744	97
3632	Household refrigerators & freezers	2	1	229.6	7.4401	99
3661	Telephone & telegraph apparatus	2	1	607.4	3.7973	99
3714	Motor-vehicle parts & accessories	8	4	160.5	.3777	90
3721	Aircraft	1	1	155.5	.4855	100
4911	*Electric services*	*5*	*3*	*494.8*	*.8161*	*98*
4924	*Natural-gas distribution*	*7*	*4*	*1,029.2*	*8.2111*	*96*
5085	*Industrial-supply distributors*	*23*	*1*	*625.6*	*1.8672*	*74*
6025	*National banks, federal reserve system*	*3*	*3*	*425.1*	*.3972*	*100*
7011	*Hotels, motels, & tourist courts*	*26*	*1*	*40.5*	*.2323*	*10*
8062	*General medical & surgical hospitals*	*12*	*12*	*720.2*	*.4984*	*100*
8221	*Colleges & universities n.e.c.*	*9*	*4*	*340.5*	*1.6554*	*97*
Fulton	**All mfg.**	**54**	**18**	**574.6**	**.0295**	**77**
2511	Wood household furniture	5	3	60.7	1.0248	92
Gallia	**All mfg.**	**9**	**3**	**95.4**	**.0049**	**73**
8062	*General medical & surgical hospitals*	*2*	*2*	*80.6*	*.0558*	*100*
Geauga	**All mfg.**	**50**	**13**	**309.6**	**.0159**	**69**
3069	Fabricated rubber products n.e.c.	9	7	136.4	2.3918	98
3079	Miscellaneous plastics products	10	3	73.3	.2452	72
Greene	**All mfg.**	**36**	**9**	**247.9**	**.0127**	**67**
Guernsey	**All mfg.**	**32**	**11**	**334.5**	**.0172**	**87**
3573	Electronic computing equipment	1	1	171.6	.4361	100
Hamilton	**All mfg.**	**896**	**279**	**17,425.0**	**.8950**	**89**
2011	Meat-packing plants	6	1	432.2	.9788	80
2051	Bread, cake, & related products	11	8	170.6	1.3647	96
2079	Shortening & cooking oils n.e.c.	2	2	496.6	10.3837	100
2085	Distilled liquor, except brandy	1	1	236.2	5.6247	100
2086	Bottled & canned soft drinks	7	4	247.8	1.4458	94
2099	Food preparations n.e.c.	7	3	135.5	1.4818	80
2311	Men's & boys' suits & coats	7	4	41.1	1.2827	93
2651	Folding paperboard boxes	7	3	131.9	3.8570	93
2653	Corrugated & solid fiber boxes	9	6	107.3	1.0382	94
2711	Newspapers	9	4	171.4	.8035	93
2741	Miscellaneous publishing	6	3	71.3	2.8492	89
2751	Letterpress commercial printing	29	4	37.5	.7862	41
2752	Lithographic commercial printing	30	6	297.0	2.0108	64
2771	Greeting-card publishing	2	1	219.1	9.8694	99
2834	Pharmaceutical preparations	4	3	225.3	1.2550	98
2841	Soap & other detergents	8	4	1,991.6	22.1624	98
2844	Toilet preparations	4	3	375.7	4.2867	99
2865	Cyclic crudes & intermediates	4	2	371.5	4.8576	93
2869	Industrial organic chemicals n.e.c.	5	2	363.0	.9872	89
2899	Chemical preparations n.e.c.	10	3	107.5	1.9072	79
3079	Miscellaneous plastics products	24	9	274.0	.9166	85
3144	Women's nonathletic footwear	3	3	64.9	4.0446	100
3411	Metal cans	2	2	226.0	2.3096	100
3444	Sheet-metal work	21	3	63.9	1.1129	53
3469	Metal stampings n.e.c.	11	3	58.5	.9181	70
3494	Valves & pipe fittings	8	4	308.4	3.5507	94
3496	Miscellaneous fabricated wire products	5	2	45.4	2.7096	96
3499	Fabricated metal products n.e.c.	10	5	60.2	1.4299	84
3541	Metal-cutting machine tools	22	10	220.5	5.9514	89
3544	Special dies, tools, jigs, & fixtures	27	3	33.1	1.1120	39
3561	Pumps & pumping equipment	5	2	104.3	1.9724	88
3563	Air & gas compressors	3	2	118.3	4.5063	98
3621	Motors & generators	3	2	59.1	.9649	96
3634	Electric housewares & fans	1	1	76.0	2.1830	100
3643	Current-carrying wiring devices	7	4	57.5	1.9774	89
3662	Radio & TV communication equipment	3	1	123.1	.3768	94
3711	Motor vehicles & passenger-car bodies	3	2	2,607.4	2.5681	99
3714	Motor-vehicle parts & accessories	10	4	204.0	.4800	87
3724	Aircraft engines & engine parts	1	1	2,130.1	14.0321	100
4011	*Line-haul-operating railroads*	*5*	*3*	*103.9*	*.7294*	*98*
4931	*Electric & other services combined*	*2*	*1*	*810.9*	*2.4207*	*98*
5084	*Industrial-machinery distributors*	*44*	*1*	*361.2*	*.9542*	*8*
5085	*Industrial-supply distributors*	*55*		*367.8*	*1.0977*	*0*
6025	*National banks, federal reserve system*	*3*	*2*	*264.7*	*.2473*	*99*
7011	*Hotels, motels, & tourist courts*	*20*	*3*	*65.1*	*.3734*	*60*
8062	*General medical & surgical hospitals*	*19*	*19*	*802.9*	*.5556*	*100*
8221	*Colleges & universities n.e.c.*	*7*	*2*	*103.6*	*.5037*	*93*
Hancock	**All mfg.**	**50**	**12**	**910.0**	**.0467**	**74**
3011	Tires & inner tubes	2	1	171.0	1.6285	98
3633	Household laundry equipment	1	1	210.5	8.1570	100
3674	Semiconductors & related devices	1	1	143.2	1.0653	100
Hardin	**All mfg.**	**18**	**7**	**283.4**	**.0146**	**87**
3714	Motor-vehicle parts & accessories	1	1	125.4	.2951	100

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
		Total	Large			
Harrison	**All mfg.**	**9**	**1**	**33.0**	**.0017**	**55**
1211	*Bituminous-coal & lignite mining*	*7*	*7*	*452.5*	*2.4627*	*100*
Henry	**All mfg.**	**23**	**8**	**512.5**	**.0263**	**88**
2032	Canned food specialties	1	1	309.1	7.8342	100
Highland	**All mfg.**	**21**	**8**	**228.2**	**.0117**	**85**
Hocking	**All mfg.**	**10**	**5**	**82.5**	**.0042**	**84**
Holmes	**All mfg.**	**32**	**8**	**186.0**	**.0096**	**58**
Huron	**All mfg.**	**49**	**19**	**583.8**	**.0300**	**69**
Jackson	**All mfg.**	**22**	**7**	**135.4**	**.0070**	**71**
Jefferson	**All mfg.**	**32**	**11**	**1,155.0**	**.0593**	**95**
3312	Blast furnaces & steel mills	2	2	877.7	2.3318	100
8062	*General medical & surgical hospitals*	*2*	*2*	*75.3*	*.0521*	*100*
Knox	**All mfg.**	**28**	**10**	**292.9**	**.0150**	**80**
Lake	**All mfg.**	**270**	**60**	**2,485.5**	**.1277**	**74**
2253	Knit-outerwear mills	1	1	45.8	1.5597	100
2869	Industrial organic chemicals n.e.c.	3	1	763.3	2.0759	93
3069	Fabricated rubber products n.e.c.	7	3	103.5	1.8149	92
3451	Screw-machine products	12	2	44.6	2.1951	60
3536	Hoists, industrial cranes, & monorails	2	2	47.3	4.7691	100
3537	Industrial trucks & tractors	3	2	101.4	6.2639	99
3823	Industrial process-control instruments	3	2	126.9	3.7218	98
8062	*General medical & surgical hospitals*	*2*	*2*	*54.9*	*.0380*	*100*
Lawrence	**All mfg.**	**18**	**7**	**296.4**	**.0152**	**90**
3321	Gray-iron foundries	1	1	72.7	.9311	100
Licking	**All mfg.**	**67**	**28**	**1,178.6**	**.0605**	**90**
3296	Mineral wool	2	2	250.9	10.7502	100
3321	Gray-iron foundries	1	1	128.3	1.6432	100
3714	Motor-vehicle parts & accessories	2	2	281.5	.6624	100
Logan	**All mfg.**	**23**	**11**	**207.1**	**.0106**	**77**
Lorain	**All mfg.**	**186**	**62**	**3,230.9**	**.1660**	**90**
3312	Blast furnaces & steel mills	1	1	332.5	.8834	100
3317	Steel pipe & tubes	2	2	265.0	8.0783	100
3321	Gray-iron foundries	5	5	95.0	1.2167	100
3423	Hand & edge tools n.e.c.	1	1	60.5	2.0915	100
3711	Motor vehicles & passenger-car bodies	1	1	690.7	.6803	100
3713	Truck & bus bodies	2	1	74.8	3.0114	98
3714	Motor-vehicle parts & accessories	3	2	210.3	.4948	98
3731	Ship building & repairing	1	1	53.6	.6040	100
8062	*General medical & surgical hospitals*	*6*	*5*	*150.1*	*.1039*	*98*
Lucas	**All mfg.**	**408**	**105**	**3,375.3**	**.4302**	**90**
2711	Newspaper	3	1	71.1	.3333	95
2911	Petroleum refining	3	3	3,063.4	1.6889	100
3079	Miscellaneous plastics products	12	4	75.6	.2529	74
3229	Pressed & blown glass n.e.c.	3	2	129.1	3.9436	99
3361	Aluminum foundries	3	3	110.5	3.5201	100
3465	Automotive stampings	8	2	172.9	2.0175	87
3544	Special dies, tools, jigs, & fixtures	28	3	30.7	1.0314	36
3563	Air & gas compressors	2	1	82.3	3.1350	93
3694	Engine electrical equipment	2	1	145.6	3.2801	98
3711	Motor vehicles & passenger-car bodies	1	1	1,444.3	1.4225	100
3714	Motor-vehicle parts & accessories	7	5	729.8	1.7172	99
4911	*Electric services*	*1*	*1*	*222.1*	*.3663*	*100*
5085	*Industrial-supply distributors*	*26*	*2*	*283.6*	*.8464*	*45*
8062	*General medical & surgical hospitals*	*10*	*10*	*517.1*	*.3578*	*100*
Madison	**All mfg.**	**16**	**5**	**142.0**	**.0073**	**70**
Mahoning	**All mfg.**	**192**	**52**	**1,359.1**	**.0698**	**69**
3442	Metal doors, sash, & trim	6	3	120.2	2.7875	95
3743	Railroad equipment	1	1	70.8	2.4024	100
8062	*General medical & surgical hospitals*	*3*	*3*	*151.1*	*.1046*	*100*
Marion	**All mfg.**	**54**	**18**	**976.7**	**.0502**	**89**
3531	Construction machinery	1	1	220.5	1.8297	100
3585	Refrigeration & heating equipment	1	1	137.5	1.1051	100
Medina	**All mfg.**	**109**	**30**	**605.3**	**.0311**	**59**
Meigs	**All mfg.**	**8**		**21.3**	**.0011**	**0**
Mercer	**All mfg.**	**23**	**8**	**442.9**	**.0227**	**89**
3523	Farm machinery & equipment	3	2	135.9	1.4435	98
3751	Motorcycles, bicycles, & parts	1	1	144.4	11.2663	100
Miami	**All mfg.**	**96**	**28**	**1,156.9**	**.0594**	**83**
3551	Food-products machinery	2	2	188.0	8.9100	100
3621	Motors & generators	1	1	53.6	.8751	100
3623	Electric welding apparatus	2	1	145.9	8.7686	98
3728	Aircraft equipment n.e.c.	3	2	79.6	.8415	98
Monroe	**All mfg.**	**3**	**3**	**731.4**	**.0376**	**100**
3334	Primary aluminum	1	1	377.4	5.8914	100
3353	Aluminum sheet, plate, & foil	1	1	344.4	4.0053	100
Montgomery	**All mfg.**	**504**	**126**	**6,559.8**	**.3369**	**87**
2621	Paper mills, except building paper	5	5	182.6	.8753	100
2711	Newspapers	5	1	82.3	.3858	86
2721	Periodicals	3	2	363.3	3.3816	99
2761	Manifold business forms	4	3	196.4	3.6075	95
3079	Miscellaneous plastics products	16	5	84.7	.2833	70
3321	Gray-iron foundries	5	3	79.9	1.0233	94
3544	Special dies, tools, jigs, & fixtures	71	13	103.6	3.4805	50
3545	Machine tool accessories	10	2	56.3	2.3063	81
3561	Pumps & pumping equipment	5	2	84.7	1.6018	87

1983 (S&MM Est.)

OHIO (Montgomery, cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
3569	General industrial machinery n.e.c.	7	1	74.4	2.2755	88
3573	Electronic computing equipment	2	1	455.0	1.1564	99
3585	Refrigeration & heating equipment	3	3	692.1	5.5624	100
3599	Machinery, except electrical, n.e.c.	30	3	79.7	.8966	42
3679	Electronic components n.e.c.	8	3	52.5	.4246	80
3714	Motor-vehicle parts & accessories	7	4	2,051.3	4.8266	99
4931	*Electric & other services combined*	*1*	*1*	*556.6*	*1.6616*	*100*
6025	*National banks, federal reserve system*	*6*	*3*	*302.6*	*.2827*	*97*
7372	*Computer programming & software*	*10*	*4*	*397.2*	*4.2137*	*95*
8062	*General medical & surgical hospitals*	*10*	*9*	*553.0*	*.3827*	*100*
Morgan	**All mfg.**	**8**	**3**	**145.3**	**.0075**	**90**
Morrow	**All mfg.**	**9**	**5**	**80.9**	**.0042**	**87**
Muskingum	**All mfg.**	**62**	**20**	**625.0**	**.0321**	**76**
3221	Glass containers	1	1	87.4	1.7765	100
8062	*General medical & surgical hospitals*	*2*	*2*	*70.8*	*.0490*	*100*
Noble	**All mfg.**	**5**	**2**	**58.8**	**.0030**	**52**
Ottawa	**All mfg.**	**25**	**7**	**180.5**	**.0093**	**71**
4912	*Nuclear power*	*2*	*2*	*203.8*	*1.4966*	*100*
Paulding	**All mfg.**	**11**	**4**	**87.3**	**.0045**	**84**
Perry	**All mfg.**	**15**	**6**	**75.6**	**.0039**	**65**
Pickaway	**All mfg.**	**19**	**9**	**536.1**	**.0275**	**92**
2821	Plastics materials & synthetic resins	2	2	277.8	1.5879	100
3641	Electric lamps	1	1	81.4	3.7901	100
Pike	**All mfg.**	**8**	**2**	**338.7**	**.0174**	**96**
2819	Industrial inorganic chemicals n.e.c.	2	1	312.5	2.6690	99
Portage	**All mfg.**	**105**	**25**	**573.9**	**.0295**	**65**
3079	Miscellaneous plastics products	16	5	100.3	.3355	65
8221	*Colleges & universities n.e.c.*	*2*	*1*	*57.6*	*.2800*	*94*
Preble	**All mfg.**	**20**	**4**	**132.8**	**.0068**	**64**
Putnam	**All mfg.**	**16**	**6**	**371.3**	**.0191**	**91**
3671	Electron tubes	1	1	262.2	10.5369	100
Richland	**All mfg.**	**104**	**38**	**1,691.5**	**.0869**	**89**
3312	Blast furnaces & steel mills	2	2	265.9	.7064	100
3561	Pumps & pumping equipment	4	3	79.0	1.4940	93
3631	Household cooking equipment	2	2	172.7	6.0364	100
3633	Household laundry equipment	1	1	200.6	7.7734	100
3714	Motor-vehicle parts & accessories	2	1	345.4	.8127	99
3822	Environmental controls	2	2	78.0	4.9568	100
8062	*General medical & surgical hospitals*	*4*	*3*	*68.0*	*.0471*	*94*
Ross	**All mfg.**	**20**	**5**	**609.9**	**.0313**	**92**
2621	Paper mills, except building paper	1	1	459.3	2.2018	100
Sandusky	**All mfg.**	**75**	**25**	**885.8**	**.0455**	**84**
3633	Household laundry equipment	1	1	263.2	10.1992	100
Scioto	**All mfg.**	**23**	**7**	**301.5**	**.0155**	**82**
3312	Blast furnaces & steel mills	1	1	172.9	.4594	100
8062	*General medical & surgical hospitals*	*3*	*3*	*58.3*	*.0403*	*100*
Seneca	**All mfg.**	**53**	**23**	**985.2**	**.0506**	**84**
3519	Internal-combustion engines n.e.c.	1	1	164.0	1.8252	100
3621	Motors & generators	1	1	53.6	.8751	100
3694	Engine electrical equipment	1	1	69.8	1.5725	100
Shelby	**All mfg.**	**46**	**15**	**549.8**	**.0282**	**87**
3469	Metal stampings n.e.c.	1	1	57.6	.9040	100
3585	Refrigeration & heating equipment	1	1	210.9	1.6950	100
Stark	**All mfg.**	**290**	**84**	**5,324.4**	**.2735**	**88**
2011	Meat-packing plants	1	1	315.4	.7143	100
2013	Sausages & other prepared meats	2	1	144.0	1.3544	93
3069	Fabricated rubber products n.e.c.	6	4	61.9	1.0854	90
3079	Miscellaneous plastics products	14	3	79.5	.2659	64
3253	Ceramic wall & floor tile	5	5	54.1	12.3347	100
3312	Blast furnaces & steel mills	3	3	1,182.2	3.1408	100
3316	Cold-rolled steel sheet, strip, & bars	3	3	61.7	2.8123	100
3317	Steel pipe & tubes	3	2	63.8	1.9449	96
3325	Steel foundries n.e.c.	3	3	126.6	4.4639	100
3399	Primary metal products n.e.c.	4	2	103.4	7.6649	96
3462	Iron & steel forgings	[illegible]	3	114.6	3.1260	96
3465	Automotive stampings	1	1	173.3	2.0222	100
3536	Hoists, industrial cranes, & monorails	2	2	53.1	5.3539	100
3562	Ball & roller bearings	3	2	308.0	15.5828	99
3635	Household vacuum cleaners	1	1	242.8	27.7011	100
4911	*Electric services*	*3*	*1*	*685.6*	*1.1308*	*99*
8062	*General medical & surgical hospitals*	*4*	*4*	*181.3*	*.1255*	*100*
Summit	**All mfg.**	**424**	**107**	**4,613.4**	**.2370**	**81**
1611	*Highway & street construction*	*9*	*4*	*128.1*	*.8043*	*88*
2812	Alkalies & chlorine	2	1	76.0	5.2737	97
2822	Synthetic rubber	4	4	354.9	11.4721	100
3011	Tires & inner tubes	3	2	542.0	5.1616	99
3069	Fabricated rubber products n.e.c.	27	8	106.8	1.8728	59
3079	Miscellaneous plastics products	23	5	103.4	.3459	48
3443	Fabricated plate work (boiler shops)	5	1	510.8	5.3514	98
3444	Sheet-metal work	8	3	65.3	1.1373	84
3465	Automotive stampings	5	3	497.0	5.7993	98
3544	Special dies, tools, jigs, & fixtures	35	9	67.3	2.2610	66
3559	Special-industry machinery n.e.c.	16	3	55.9	1.2923	54
3569	General industrial machinery n.e.c.	7	2	47.3	1.4467	78
3728	Aircraft equipment n.e.c.	5	2	390.7	4.1303	98
4911	*Electric services*	*1*	*1*	*541.5*	*.8931*	*100*
6025	*National banks, federal reserve system*	*3*	*2*	*189.4*	*.1770*	*98*
8062	*General medical & surgical hospitals*	*10*	*10*	*441.8*	*.3057*	*100*
Trumbull	**All mfg.**	**151**	**47**	**6,679.3**	**.3431**	**96**
3312	Blast furnaces & steel mills	4	3	1,403.4	3.7285	99
3316	Cold-rolled steel sheet, strip, & bars	3	2	50.1	2.2836	98
3317	Steel pipe & tubes	3	1	53.7	1.6370	91
3356	Nonferrous rolling & drawing n.e.c.	2	2	161.8	4.3911	100
3465	Automotive stampings	1	1	306.2	3.5729	100
3641	Electric lamps	2	2	107.3	4.9960	100
3694	Engine electrical equipment	2	1	599.3	13.5011	100
3711	Motor vehicles & passenger-car bodies	1	1	2,778.7	2.7368	100
3743	Railroad equipment	2	2	201.4	6.8338	100
8062	*General medical & surgical hospitals*	*4*	*4*	*133.2*	*.0922*	*100*
Tuscarawas	**All mfg.**	**95**	**23**	**622.8**	**.0320**	**66**
Union	**All mfg.**	**18**	**8**	**593.4**	**.0305**	**95**
2874	Phosphatic fertilizers	1	1	367.0	7.1380	100
Van Wert	**All mfg.**	**24**	**9**	**283.0**	**.0145**	**76**
Vinton	**All mfg.**	**8**	**2**	**59.5**	**.0031**	**71**
Warren	**All mfg.**	**45**	**12**	**240.4**	**.0123**	**63**
Washington	**All mfg.**	**44**	**16**	**858.1**	**.0441**	**89**
2522	Metal office furniture	1	1	112.0	3.4304	100
3312	Blast furnaces & steel mills	1	1	146.3	.3887	100
Wayne	**All mfg.**	**95**	**33**	**959.3**	**.0493**	**81**
3079	Miscellaneous plastics products	3	1	105.8	.3539	97
3713	Truck & bus bodies	4	4	46.0	1.8519	100
8062	*General medical & surgical hospitals*	*4*	*3*	*81.2*	*.0562*	*95*
Williams	**All mfg.**	**48**	**25**	**559.0**	**.0287**	**87**
3546	Power-driven hand tools	1	1	58.1	4.12[illegible]	100
Wood	**All mfg.**	**60**	**21**	**939.2**	**.0482**	**88**
3211	Flat glass	1	1	159.6	9.4994	100
3714	Motor-vehicle parts & accessories	3	2	393.3	.9254	99
Wyandot	**All mfg.**	**19**	**7**	**141.7**	**.0073**	**82**
3079	Miscellaneous plastics products	6	4	71.1	.2378	94
STATE TOTAL	**All mfg.**	**8,821**	**2,581**	**119,670.2**	**6.1468**	**84**

DEFINITIONS **SIC Industry**: Classification by primary product or service **Total Establishments**: Those with 20 or more employees **Large Establishments**: Those with 100 or more employees **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees **All Mfg.**: Total for all manufacturing establishments with 20 or more employees Nonmanufacturing totals do not appear due to nonavailability **N.E.C.**: Not Elsewhere Classified

OKLAHOMA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Adair	**All mfg.**	**4**	**1**	**47.8**	**.0025**	**78**
Alfalfa	**All mfg.**	**1**		**1.3**	**.0001**	**0**
Atoka	**All mfg.**	**4**	**1**	**16.5**	**.0008**	**32**
Beaver	**All mfg.**	**1**		**1.9**	**.0001**	**0**
Beckham	**All mfg.**	**3**		**14.1**	**.0007**	**0**
Blaine	**All mfg.**	**8**	**3**	**70.7**	**.0036**	**65**
Bryan	**All mfg.**	**18**	**3**	**96.6**	**.0050**	**44**
Caddo	**All mfg.**	**6**	**2**	**88.0**	**.0045**	**40**
Canadian	**All mfg.**	**12**	**2**	**61.4**	**.0032**	**30**
Carter	**All mfg.**	**19**	**4**	**889.7**	**.0457**	**95**
3011	Tires & inner tubes	1	1	247.0	2.3522	100
Cherokee	**All mfg.**	**1**	**1**	**4.2**	**.0002**	**100**
Choctaw	**All mfg.**	**7**		**18.7**	**.0010**	**0**
Cleveland	**All mfg.**	**31**	**6**	**321.2**	**.0165**	**64**
8062	*General medical & surgical hospitals*	*4*	*3*	*96.8*	*.0670*	*95*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*49.4*	*.2402*	*100*
Coal	**All mfg.**	**1**	**1**	**10.6**	**.0005**	**100**
Comanche	**All mfg.**	**25**	**6**	**220.0**	**.0113**	**71**
8062	*General medical & surgical hospitals*	*4*	*4*	*90.3*	*.0625*	*100*
Cotton	**All mfg.**	**1**	**1**	**6.3**	**.0003**	**100**
Craig	**All mfg.**	**6**	**1**	**28.0**	**.0014**	**43**
Creek	**All mfg.**	**27**	**8**	**284.3**	**.0146**	**69**
Custer	**All mfg.**	**15**	**3**	**169.5**	**.0087**	**76**
Delaware	**All mfg.**	**5**		**8.9**	**.0005**	**0**
Ellis	**All mfg.**	**2**		**64.9**	**.0033**	**0**
Garfield	**All mfg.**	**25**	**10**	**1,769.0**	**.0909**	**96**
Garvin	**All mfg.**	**11**	**3**	**536.4**	**.0276**	**97**
Grady	**All mfg.**	**24**	**4**	**235.2**	**.0121**	**53**
Grant	**All mfg.**	**2**		**9.0**	**.0005**	**0**
Greer	**All mfg.**	**2**		**2.3**	**.0001**	**0**
Harmon	**All mfg.**	**1**		**6.6**	**.0003**	**0**
Haskell	**All mfg.**	**1**		**6.0**	**.0003**	**0**
Hughes	**All mfg.**	**2**	**2**	**14.1**	**.0007**	**100**
Jackson	**All mfg.**	**7**	**2**	**47.7**	**.0025**	**67**

OKLAHOMA (cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
Jefferson	**All mfg.**	**5**		**14.6**	**.0007**	**0**
Johnston	**All mfg.**	**4**		**7.3**	**.0004**	**0**
Kay	**All mfg.**	**48**	**9**	**6,137.0**	**.3152**	**98**
2911	Petroleum refining	1	1	5,773.5	3.1830	100
Kingfisher	**All mfg.**	**2**		**6.3**	**.0003**	**0**
Kiowa	**All mfg.**	**7**	**1**	**39.3**	**.0020**	**23**
Latimer	**All mfg.**	**1**	**1**	**7.8**	**.0004**	**100**
Le Flore	**All mfg.**	**8**	**4**	**44.1**	**.0023**	**83**
Lincoln	**All mfg.**	**10**	**4**	**495.6**	**.0255**	**96**
Logan	**All mfg.**	**5**	**3**	**57.2**	**.0029**	**96**
Love	**All mfg.**	**2**	**2**	**26.6**	**.0014**	**100**
McClain	**All mfg.**	**3**		**6.7**	**.0003**	**0**
McCurtain	**All mfg.**	**13**	**6**	**263.3**	**.0135**	**90**
2421	General sawmills & planing mills	4	1	103.9	.8446	86
McIntosh	**All mfg.**	**4**	**2**	**27.6**	**.0014**	**89**
Major	**All mfg.**	**3**	**1**	**19.1**	**.0010**	**62**
Marshall	**All mfg.**	**7**	**2**	**21.9**	**.0011**	**63**
Mayes	**All mfg.**	**21**	**10**	**501.7**	**.0258**	**76**
Murray	**All mfg.**	**4**	**1**	**54.7**	**.0028**	**95**
Muskogee	**All mfg.**	**42**	**14**	**591.8**	**.0304**	**83**
8062	*General medical & surgical hospitals*	*2*	*2*	*70.2*	*.0486*	*100*
Noble	**All mfg.**	**3**	**1**	**93.7**	**.0048**	**56**
Nowata	**All mfg.**	**3**	**1**	**13.8**	**.0007**	**79**
Okfuskee	**All mfg.**	**6**	**2**	**28.2**	**.0014**	**47**
Oklahoma	**All mfg.**	**338**	**75**	**5,358.3**	**.2752**	**85**
1311	*Crude petroleum & natural gas*	*113*	*1*	*1,765.8*	*4.3952*	*5*
1381	*Oil- & gas-well drilling services*	*44*	*1*	*203.3*	*3.7384*	*18*
1382	*Oil- & gas-field exploration services*	*48*	*1*	*37.7*	*4.4410*	*12*
1611	*Highway & street construction*	*13*	*4*	*148.4*	*.9317*	*82*
2013	Sausages & other prepared meats	5	2	193.6	1.8209	90
2086	Bottled & canned soft drinks	6	2	143.9	.8396	84
2711	Newspapers	3	1	76.7	.3596	92
3011	Tires & inner tubes	1	1	231.1	2.2008	100
3441	Fabricated structural metal	7	3	67.5	.8218	86
3573	Electronic computing equipment	1	1	180.6	.4590	100
3661	Telephone & telegraph apparatus	1	1	523.6	3.2734	100
3711	Motor vehicles & passenger-car bodies	1	1	1,883.9	1.8555	100
3714	Motor-vehicle parts & accessories	8	3	224.7	.5287	86
3721	Aircraft	1	1	131.6	.4109	100
4911	*Electric services*	*1*	*1*	*425.2*	*.7013*	*100*
5084	*Industrial-machinery distributors*	*39*	*3*	*540.5*	*1.4279*	*50*
6025	*National banks, federal reserve system*	*24*	*4*	*303.2*	*.2833*	*66*
7011	*Hotels, motels, & tourist courts*	*24*	*4*	*46.1*	*.2644*	*39*
8062	*General medical & surgical hospitals*	*16*	*15*	*508.4*	*.3518*	*99*
Okmulgee	**All mfg.**	**17**	**2**	**122.4**	**.0063**	**44**
Osage	**All mfg.**	**4**	**4**	**343.6**	**.0176**	**100**
Ottawa	**All mfg.**	**21**	**5**	**370.0**	**.0190**	**90**
3011	Tires & inner tubes	1	1	256.8	2.4456	100
Pawnee	**All mfg.**	**2**		**4.3**	**.0002**	**0**
Payne	**All mfg.**	**18**	**5**	**426.7**	**.0219**	**86**
8221	*Colleges & universities n.e.c.*	*1*	*1*	*49.4*	*.2402*	*100*
Pittsburg	**All mfg.**	**18**	**6**	**169.2**	**.0087**	**67**
Pontotoc	**All mfg.**	**23**	**7**	**166.7**	**.0086**	**64**
Pottawatomie	**All mfg.**	**29**	**5**	**210.9**	**.0108**	**68**
Pushmataha	**All mfg.**	**2**		**5.6**	**.0003**	**0**
Rogers	**All mfg.**	**24**	**4**	**137.2**	**.0070**	**57**
Seminole	**All mfg.**	**21**	**5**	**105.7**	**.0054**	**55**
Sequoyah	**All mfg.**	**8**	**1**	**80.9**	**.0042**	**70**
Stephens	**All mfg.**	**20**	**3**	**531.3**	**.0273**	**91**
3533	Oil-field machinery	2	1	466.1	5.5666	99
Texas	**All mfg.**	**8**	**1**	**237.5**	**.0122**	**5**
Tillman	**All mfg.**	**8**	**2**	**24.5**	**.0013**	**64**
Tulsa	**All mfg.**	**485**	**120**	**6,383.6**	**.3279**	**83**
1311	*Crude petroleum & natural gas*	*85*	*4*	*1,360.6*	*3.3866*	*20*
1381	*Oil- & gas-well drilling services*	*22*	*5*	*303.2*	*5.5755*	*68*
1382	*Oil- & gas-field exploration services*	*29*	*2*	*153.6*	*18.0940*	*87*
1623	*Pipe- & utility-line construction*	*13*	*2*	*99.8*	*1.7361*	*73*
2911	Petroleum refining	3	2	2,464.8	1.3589	97
3079	Miscellaneous plastics products	16	4	84.0	.2810	62
3441	Fabricated structural metal	16	4	81.4	.9911	61
3443	Fabricated plate work (boiler shops)	28	12	240.7	2.5217	78
3531	Construction machinery	11	5	207.9	1.7251	91
3533	Oil-field machinery	28	11	480.3	5.7362	83
3559	Special-industry machinery n.e.c.	12	4	52.6	1.2160	66
3561	Pumps & pumping equipment	10	3	128.7	2.4339	79
3721	Aircraft	2	1	337.9	1.0550	99
3728	Aircraft equipment n.e.c.	6	1	127.7	1.3500	91
4911	*Electric services*	*2*	*1*	*317.3*	*.5233*	*98*
5084	*Industrial-machinery distributors*	*40*	*3*	*655.8*	*1.7324*	*55*
6025	*National banks, federal reserve system*	*12*	*5*	*256.5*	*.2396*	*85*
8062	*General medical & surgical hospitals*	*10*	*8*	*414.1*	*.2866*	*99*
Wagoner	**All mfg.**	**3**	**3**	**46.2**	**.0024**	**100**
Washington	**All mfg.**	**14**	**5**	**184.6**	**.0095**	**87**
Washita	**All mfg.**	**3**	**1**	**11.9**	**.0006**	**37**
Woods	**All mfg.**	**1**		**2.9**	**.0001**	**0**
Woodward	**All mfg.**	**7**	**1**	**46.3**	**.0024**	**69**
STATE TOTAL	**All mfg.**	**1,547**	**383**	**28,479.5**	**1.4628**	**85**

OREGON

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab.
Baker	**All mfg.**	**11**	**5**	**116.8**	**.0060**	**76**
Benton	**All mfg.**	**36**	**7**	**259.5**	**.0133**	**60**
Clackamas	**All mfg.**	**128**	**31**	**1,097.3**	**.0564**	**74**
2421	General sawmills & planing mills	12	5	93.4	.7592	74
2621	Paper mills, except building paper	2	2	218.8	1.0489	100
3425	Hand saws & saw blades	2	1	63.5	12.4583	95
Clatsop	**All mfg.**	**22**	**6**	**275.6**	**.0142**	**68**
Columbia	**All mfg.**	**27**	**7**	**423.2**	**.0217**	**79**
2621	Paper mills, except building paper	2	2	215.9	1.0350	100
Coos	**All mfg.**	**50**	**14**	**547.9**	**.0281**	**68**
2421	General sawmills & planing mills	12	6	112.6	.9153	83
2436	Softwood veneer & plywood	7	4	141.6	3.3206	91
2492	Particleboard	1	1	54.2	8.8591	100
Crook	**All mfg.**	**11**	**5**	**104.0**	**.0053**	**75**
Curry	**All mfg.**	**7**	**4**	**164.1**	**.0084**	**95**
Deschutes	**All mfg.**	**36**	**8**	**218.5**	**.0112**	**59**
Douglas	**All mfg.**	**60**	**18**	**1,073.7**	**.0552**	**79**
2436	Softwood veneer & plywood	11	9	616.4	14.4549	98
8062	*General medical & surgical hospitals*	*6*	*3*	*62.4*	*.0432*	*90*
Grant	**All mfg.**	**5**	**2**	**36.5**	**.0019**	**69**
Harney	**All mfg.**	**2**	**1**	**34.6**	**.0018**	**94**
Hood River	**All mfg.**	**15**	**5**	**100.9**	**.0052**	**65**
Jackson	**All mfg.**	**87**	**24**	**715.7**	**.0368**	**62**
2421	General sawmills & planing mills	10	4	97.3	.7909	72
2436	Softwood veneer & plywood	14	11	277.0	6.4958	95
8062	*General medical & surgical hospitals*	*3*	*3*	*61.2*	*.0423*	*100*
Jefferson	**All mfg.**	**6**	**2**	**79.4**	**.0041**	**75**
Josephine	**All mfg.**	**27**	**12**	**259.6**	**.0133**	**77**
Klamath	**All mfg.**	**31**	**8**	**344.8**	**.0177**	**64**
2499	Wood products n.e.c.	1	1	98.3	2.8999	100
Lake	**All mfg.**	**8**	**2**	**45.3**	**.0023**	**38**
Lane	**All mfg.**	**196**	**50**	**1,870.9**	**.0961**	**70**
2421	General sawmills & planing mills	27	11	304.3	2.4735	82
2436	Softwood veneer & plywood	20	14	405.9	9.5186	88
2631	Paperboard mills	1	1	355.7	3.2173	100
8062	*General medical & surgical hospitals*	*6*	*3*	*81.8*	*.0566*	*86*
Lincoln	**All mfg.**	**20**	**2**	**273.4**	**.0140**	**71**
2631	Paperboard mills	1	1	183.9	1.6634	100
Linn	**All mfg.**	**80**	**31**	**1,261.9**	**.0648**	**81**
2436	Softwood veneer & plywood	11	10	317.0	7.4338	99
3339	Primary nonferrous metals n.e.c.	2	2	261.5	14.8622	100
Malheur	**All mfg.**	**10**	**2**	**142.4**	**.0073**	**88**
2037	Frozen fruits & vegetables	1	1	88.0	1.7951	100
Marion	**All mfg.**	**136**	**28**	**878.4**	**.0451**	**61**
2033	Canned fruits & vegetables	11	7	159.0	1.7373	90
2037	Frozen fruits & vegetables	9	4	164.5	3.3556	86
8062	*General medical & surgical hospitals*	*4*	*1*	*75.2*	*.0520*	*86*
Morrow	**All mfg.**	**3**	**3**	**59.0**	**.0030**	**100**
Multnomah	**All mfg.**	**581**	**124**	**5,613.3**	**.2883**	**73**
2253	Knit-outerwear mills	4	1	67.6	2.3021	91
2339	Women's & misses' outerwear n.e.c.	2	2	80.5	1.7211	100
2431	Millwork	12	5	83.5	1.6849	78
2651	Folding paperboa[illegible]oxes	5	3	79.8	2.3335	96
2711	Newspapers	5	1	85.6	.4013	88
3325	Steel foundries n.e.c.	6	3	110.4	3.8927	90
3537	Industrial trucks & tractors	4	3	66.4	4.1018	99
3711	Motor vehicles & passenger-car bodies	2	2	984.3	.9695	100
3728	Aircraft equipment n.e.c.	2	1	118.3	1.2506	99
3731	Ship building & repairing	7	3	73.6	.8293	88
3743	Railroad equipment	1	1	65.3	2.2157	100
4911	*Electric services*	*6*	*5*	*662.1*	*1.0921*	*98*
5084	*Industrial-machinery distributors*	*39*		*302.6*	*.7994*	*0*
5085	*Industrial supply distributors*	*46*		*313.6*	*.9360*	*0*
6025	*National banks, federal reserve system*	*3*	*2*	*1,380.1*	*1.2894*	*100*
7011	*Hotels, motels, & tourist courts*	*16*	*2*	*38.7*	*.2220*	*43*
8062	*General medical & surgical hospitals*	*17*	*14*	*660.7*	*.4572*	*99*
8221	*Colleges & universities n.e.c.*	*5*	*3*	*52.9*	*.2572*	*91*

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

		1983 (S&MM Est.)				
County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Polk	**All mfg.**	**15**	**7**	**157.6**	**.0081**	**76**
Tillamook	**All mfg.**	**12**	**3**	**154.3**	**.0079**	**81**
Umatilla	**All mfg.**	**30**	**10**	**360.1**	**.0185**	**65**
2037	Frozen fruits & vegetables	5	3	108.5	2.2132	91
8062	*General medical & surgical hospitals*	*5*	*2*	*50.0*	*.0346*	*80*
Union	**All mfg.**	**13**	**5**	**124.9**	**.0064**	**71**
Wallowa	**All mfg.**	**6**		**36.4**	**.0019**	**0**
Wasco	**All mfg.**	**8**	**3**	**163.7**	**.0084**	**71**
Washington	**All mfg.**	**125**	**36**	**1,428.5**	**.0734**	**81**
3573	Electronic computing equipment	3	3	157.5	.4003	100
3825	Electricity-measuring instruments	3	1	523.8	9.3309	99
Yamhill	**All mfg.**	**55**	**7**	**410.5**	**.0211**	**47**
STATE TOTAL	**All mfg.**	**1,859**	**472**	**18,832.7**	**.9673**	**72**

PENNSYLVANIA

		1983 (S&MM Est.)				
County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Adams	**All mfg.**	**53**	**18**	**440.7**	**.0226**	**79**
2033	Canned fruits & vegetables	5	4	163.0	1.7810	99
3149	Nonrubber footwear n.e.c.	4	1	19.5	2.7407	86
Allegheny	**All mfg.**	**773**	**206**	**10,589.6**	**.5439**	**83**
1211	*Bituminous-coal & lignite mining*	*11*	*10*	*265.6*	*1.4455*	*99*
1611	*Highway & street construction*	*13*	*7*	*246.0*	*1.5445*	*94*
1622	*Bridge & tunnel construction*	*5*	*4*	*136.0*	*2.6340*	*97*
1629	*Heavy construction n.e.c.*	*31*	*15*	*509.4*	*2.1515*	*89*
2032	Canned food specialties	1	1	483.9	12.2646	100
2051	Bread, cake, & related products	30	6	139.8	1.1184	54
2711	Newspapers	13	4	74.6	.3497	65
2752	Lithographic commercial printing	32	4	214.8	1.4543	44
3079	Miscellaneous plastics products	18	4	85.5	.2860	54
3211	Flat glass	2	2	67.6	4.0236	100
3221	Glass containers	1	1	77.4	1.5733	100
3312	Blast furnaces & steel mills	15	12	2,888.0	7.6727	99
3325	Steel foundries n.e.c.	6	4	63.2	2.2284	90
3441	Fabricated structural metal	20	7	123.1	1.4988	70
3462	Iron & steel forgings	9	6	139.2	3.7971	94
3494	Valves & pipe fittings	9	4	94.3	1.0857	85
3498	Fabricated pipe & fittings	5	2	129.8	4.8636	89
3499	Fabricated metal products n.e.c.	7	3	60.0	1.4251	91
3547	Rolling-mill machinery	5	4	81.2	17.0017	96
3555	Printing-trades machinery	3	3	67.1	3.5865	100
3559	Special-industry machinery n.e.c.	8	2	63.5	1.4680	88
3573	Electronic computing equipment	7	4	188.6	.4793	93
3612	Transformers	1	1	119.2	4.2875	100
3634	Electric housewares & fans	2	1	105.5	3.0304	98
3644	Non-current-carrying wiring devices	4	3	138.3	5.4174	92
3662	Radio & TV communication equipment	2	1	178.8	.5472	98
3711	Motor vehicles & passenger-car bodies	1	1	690.7	.6803	100
3731	Ship building & repairing	3	2	111.2	1.2530	99
3743	Railroad equipment	3	1	146.5	4.9710	97
3823	Industrial process-control instruments	5	1	65.8	1.9298	86
4011	*Line-haul-operating railroads*	*15*	*8*	*351.2*	*2.4656*	*97*
4911	*Electric services*	*2*	*1*	*263.7*	*.4349*	*99*
4924	*Natural-gas distribution*	*7*	*2*	*458.1*	*3.6548*	*90*
5051	*Metals service centers & sales offices*	*20*	*2*	*895.1*	*1.6331*	*52*
5063	*Electrical-power-equipment wholesalers*	*21*	*3*	*420.8*	*1.1745*	*45*
5084	*Industrial-machinery distributors*	*46*		*345.2*	*.9119*	*0*
5085	*Industrial-supply distributors*	*62*		*448.0*	*1.3371*	*0*
6025	*National banks, federal reserve system*	*5*	*3*	*1,409.8*	*1.3171*	*99*
7011	*Hotels, motels, & tourist courts*	*21*	*6*	*64.1*	*.3677*	*66*
8062	*General medical & surgical hospitals*	*34*	*31*	*1,529.9*	*1.0587*	*99*
8221	*Colleges & universities n.e.c.*	*10*	*4*	*57.1*	*.2776*	*85*
Armstrong	**All mfg.**	**41**	**14**	**434.1**	**.0223**	**84**
3211	Flat glass	1	1	76.6	4.5593	100
3316	Cold-rolled steel sheet, strip, & bars	1	1	42.8	1.9509	100
Beaver	**All mfg.**	**82**	**37**	**2,418.2**	**.1242**	**94**
2821	Plastics materials & synthetic resins	2	2	237.6	1.3581	100
3312	Blast furnaces & steel mills	3	3	593.8	1.5776	100
3317	Steel pipe & tubes	4	4	515.2	15.7054	100
3452	Bolts, nuts, rivets, & washers	2	2	144.6	3.4905	100
3613	Switchgear & switchboard apparatus	1	1	181.0	4.1005	100
8062	*General medical & surgical hospitals*	*3*	*3*	*97.5*	*.0675*	*100*
Bedford	**All mfg.**	**26**	**8**	**200.9**	**.0103**	**77**
Berks	**All mfg.**	**344**	**134**	**4,603.3**	**.2364**	**83**
2065	Confectionery products	8	4	203.6	3.2087	86
2254	Knit underwear mills	13	8	76.3	8.1213	87
3312	Blast furnaces & steel mills	1	1	348.4	.9256	100
3317	Steel pipe & tubes	2	2	50.9	1.5516	100
3321	Gray-iron foundries	9	7	90.5	1.1591	91
3555	Printing-trades machinery	1	1	73.8	3.9446	100
3631	Household cooking equipment	1	1	119.7	4.1839	100
3674	Semiconductors & related devices	1	1	307.5	2.2875	100
3691	Storage batteries	3	3	174.0	6.1408	100
3711	Motor vehicles & passenger-car bodies	2	2	644.6	.6349	100
3851	Ophthalmic goods	3	2	34.6	3.2297	94
4911	*Electric services*	*1*	*1*	*225.6*	*.3721*	*100*
8062	*General medical & surgical hospitals*	*5*	*5*	*197.3*	*.1365*	*100*
Blair	**All mfg.**	**76**	**33**	**1,058.5**	**.0544**	**82**
2253	Knit-outerwear mills	1	1	61.8	2.1045	100
8062	*General medical & surgical hospitals*	*6*	*6*	*136.7*	*.0946*	*100*
Bradford	**All mfg.**	**31**	**14**	**609.3**	**.0313**	**92**
3356	Nonferrous rolling & drawing n.e.c.	1	1	222.4	6.0358	100
3546	Power-driven hand tools	1	1	52.9	3.7528	100
8062	*General medical & surgical hospitals*	*3*	*2*	*54.1*	*.0374*	*92*
Bucks	**All mfg.**	**461**	**117**	**4,377.0**	**.2248**	**72**
1611	*Highway & street construction*	*3*	*1*	*127.4*	*.7999*	*97*
2641	Paper coating & glazing	6	3	154.1	2.7245	85
2821	Plastics materials & synthetic resins	4	1	251.3	1.4365	91
3079	Miscellaneous plastics products	23	4	97.6	.3265	44
3312	Blast furnaces & steel mills	1	1	664.9	1.7665	100
3559	Special-industry machinery n.e.c.	9	3	62.2	1.4379	86
3823	Industrial process-control instruments	5	2	285.5	8.3734	97
8062	*General medical & surgical hospitals*	*10*	*8*	*215.3*	*.1490*	*99*
Butler	**All mfg.**	**88**	**27**	**1,953.5**	**.1003**	**88**
3312	Blast furnaces & steel mills	1	1	398.9	1.0598	100
8062	*General medical & surgical hospitals*	*2*	*2*	*95.5*	*.0661*	*100*
Cambria	**All mfg.**	**75**	**19**	**862.3**	**.0443**	**81**
1211	*Bituminous-coal & lignite mining*	*17*	*8*	*395.3*	*2.1514*	*90*
3312	Blast furnaces & steel mills	1	1	332.5	.8834	100
3325	Steel foundries n.e.c.	1	1	73.0	2.5740	100
3743	Railroad equipment	1	1	92.5	3.1387	100
4911	*Electric services*	*2*	*1*	*388.3*	*.6405*	*97*
8062	*General medical & surgical hospitals*	*6*	*6*	*189.4*	*.1311*	*100*
Cameron	**All mfg.**	**6**	**3**	**56.8**	**.0029**	**88**
Carbon	**All mfg.**	**50**	**13**	**353.1**	**.0181**	**68**
2331	Women's & misses' blouses	14	4	95.4	3.2023	66
Centre	**All mfg.**	**51**	**23**	**604.8**	**.0311**	**87**
3351	Copper rolling & drawing	1	1	203.2	4.3913	100
3679	Electronic components n.e.c.	4	3	55.4	.4480	93
8221	*Colleges & universities n.e.c.*	*1*	*1*	*247.0*	*1.2008*	*100*
Chester	**All mfg.**	**287**	**76**	**3,736.7**	**.1919**	**79**
2033	Canned fruits & vegetables	15	6	201.8	2.2050	80
2051	Bread, cake, & related products	2	2	126.4	1.0112	100
2819	Industrial inorganic chemicals n.e.c.	2	1	136.1	1.1624	94
2834	Pharmaceutical preparations	2	2	255.0	1.4204	100
3011	Tires & inner tubes	1	1	136.0	1.2952	100
3079	Miscellaneous plastics products	9	3	73.9	.2472	80
3312	Blast furnaces & steel mills	9	5	672.5	1.7867	97
3573	Electronic computing equipment	5	2	316.5	.8044	95
3811	Engineering & scientific instruments	5	2	50.2	1.8699	93
6025	*National banks, federal reserve system*	*6*	*1*	*162.1*	*.1514*	*79*
8062	*General medical & surgical hospitals*	*11*	*10*	*301.6*	*.2087*	*100*
Clarion	**All mfg.**	**22**	**6**	**195.6**	**.0100**	**72**
1211	*Bituminous-coal & lignite mining*	*9*	*2*	*155.5*	*.8463*	*84*
3221	Glass containers	2	2	94.6	1.9229	100
Clearfield	**All mfg.**	**51**	**16**	**565.6**	**.0291**	**82**
1211	*Bituminous-coal & lignite mining*	*23*	*5*	*169.0*	*.9198*	*50*
Clinton	**All mfg.**	**18**	**7**	**413.6**	**.0212**	**83**
3721	Aircraft	2	2	192.0	.5994	100
Columbia	**All mfg.**	**65**	**21**	**741.1**	**.0381**	**84**
2099	Food preparations n.e.c.	1	1	152.8	1.6710	100
3743	Railroad equipment	1	1	87.1	2.9554	100
Crawford	**All mfg.**	**68**	**21**	**732.1**	**.0376**	**73**
3964	Needles, pins, & fasteners	1	1	74.6	10.4658	100
Cumberland	**All mfg.**	**93**	**42**	**1,464.4**	**.0752**	**86**
2272	Tufted carpets & rugs	1	1	179.6	3.0397	100
3011	Tires & inner tubes	1	1	154.1	1.4675	100
3211	Flat glass	1	1	66.2	3.9402	100
3442	Metal doors, sash, & trim	1	1	49.8	1.1549	100
3643	Current-carrying wiring devices	3	3	108.7	3.7381	100
3679	Electronic components n.e.c.	6	4	73.1	.5912	94
8062	*General medical & surgical hospitals*	*5*	*3*	*80.2*	*.0555*	*92*
Dauphin	**All mfg.**	**113**	**36**	**2,197.0**	**.1128**	**89**
2051	Bread, cake, & related products	6	2	67.2	.5376	85
2066	Chocolate & cocoa products	1	1	628.9	28.5448	100
3312	Blast furnaces & steel mills	1	1	441.5	1.1730	100
3317	Steel pipe & tubes	1	1	50.8	1.5486	100
3579	Office machines n.e.c.	2	2	163.3	3.3553	100
3715	Truck trailers	1	1	105.2	4.2538	100
6025	*National banks, federal reserve system*	*6*	*1*	*182.7*	*.1707*	*90*
8062	*General medical & surgical hospitals*	*5*	*5*	*242.2*	*.1676*	*100*
Delaware	**All mfg.**	**244**	**73**	**8,935.4**	**.4590**	**94**
2621	Paper mills, except building paper	1	1	275.6	1.3212	100
2721	Periodicals	17	1	218.8	2.0366	69
2834	Pharmaceutical preparations	1	1	150.7	.8395	100
2911	Petroleum refining	3	3	5,360.4	2.9553	100
3079	Miscellaneous plastics products	11	4	68.8	.2301	67
3443	Fabricated plate work (boiler shops)	3	2	122.1	1.2792	97
3511	Turbines & turbine-generator set units	1	1	150.9	5.0478	100
3629	Electrical industrial apparatus n.e.c.	2	2	73.2	6.6703	100
3721	Aircraft	1	1	529.2	1.6522	100
3731	Ship building & repairing	1	1	169.6	1.9110	100
3743	Railroad equipment	2	1	83.2	2.8231	98
3842	Surgical appliances & supplies	2	2	163.3	3.6651	100

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt	% In Large Estab
		Total	Large			
PENNSYLVANIA (Delaware, cont.)						
3911	Precious-metal jewelry	1	1	132.8	5.5246	100
6025	*National banks, federal reserve system*	*2*	*2*	*492.5*	*.4601*	*100*
8062	*General medical & surgical hospitals*	*8*	*8*	*285.6*	*.1976*	*100*
Elk	**All mfg.**	**38**	**15**	**720.3**	**[illegible]**	**87**
3624	Carbon & graphite products	5	5	306.3	23.2804	100
Erie	**All mfg.**	**261**	**83**	**2,915.7**	**.1498**	**83**
2621	Paper mills, except building paper	1	1	321.5	1.5412	100
3069	Fabricated rubber products n.e.c.	3	1	65.0	1.1328	88
3079	Miscellaneous plastics products	29	10	186.3	.6232	68
3321	Gray-iron foundries	7	5	83.5	1.0694	92
3462	Iron & steel forgings	5	3	85.2	2.3241	91
3494	Valves & pipe fittings	9	5	142.8	1.6441	92
3621	Motors & generators	1	1	81.4	1.3290	100
3679	Electronic components n.e.c.	4	4	110.4	.8928	100
3743	Railroad equipment	1	1	303.6	10.3017	100
8062	*General medical & surgical hospitals*	*7*	*6*	*186.3*	*.1289*	*98*
Fayette	**All mfg.**	**69**	**22**	**500.2**	**.0257**	**78**
3221	Glass containers	1	1	88.3	1.7948	100
Forest	**All mfg.**	**4**	**1**	**16.5**	**.0008**	**41**
Franklin	**All mfg.**	**66**	**27**	**948.9**	**.0487**	**85**
2311	Men's & boys' suits & coats	1	1	76.0	2.3719	100
3531	Construction machinery	3	2	296.4	2.4595	99
3541	Metal-cutting machine tools	2	2	70.0	1.8893	100
8062	*General medical & surgical hospitals*	*3*	*3*	*74.9*	*.0518*	*100*
Fulton	**All mfg.**	**3**	**1**	**26.1**	**.0013**	**77**
Greene	**All mfg.**	**10**	**2**	**32.2**	**.0017**	**36**
1211	*Bituminous-coal & lignite mining*	*6*	*5*	*236.3*	*1.2860*	*99*
Huntingdon	**All mfg.**	**25**	**11**	**210.8**	**.0108**	**83**
Indiana	**All mfg.**	**37**	**8**	**249.3**	**.0128**	**59**
1211	*Bituminous-coal & lignite mining*	*12*	*4*	*133.3*	*.7255*	*69*
3442	Metal doors, sash, & trim	1	1	49.9	1.1572	100
3535	Conveyors & conveying equipment	2	1	54.7	2.7270	93
Jefferson	**All mfg.**	**36**	**9**	**230.1**	**.0118**	**77**
Juniata	**All mfg.**	**14**	**5**	**64.0**	**.0033**	**76**
Lackawanna	**All mfg.**	**263**	**74**	**1,938.3**	**.0996**	**71**
2327	Men's & boys' separate trousers	9	8	46.6	2.0581	98
2335	Women's & misses' dresses	50	3	113.1	2.7133	17
3671	Electron tubes	1	1	183.5	7.3742	100
8062	*General medical & surgical hospitals*	*11*	*10*	*186.6*	*.1291*	*99*
Lancaster	**All mfg.**	**360**	**125**	**4,854.1**	**.2493**	**83**
2017	Poultry & egg processing	1	1	41.3	3.0314	100
2026	Fluid milk	5	1	200.7	1.1734	77
2254	Knit underwear mills	2	2	43.3	4.6088	100
2341	Women's & children's underwear	16	11	93.8	3.5467	91
2751	Letterpress commercial printing	9	3	33.8	.7086	84
2834	Pharmaceutical preparations	2	2	138.2	.7698	100
3149	Nonrubber footwear n.e.c.	8	4	17.3	2.4315	74
3322	Malleable-iron foundries	4	4	52.6	11.9328	100
3353	Aluminum sheet, plate, & foil	1	1	287.1	3.3389	100
3523	Farm machinery & equipment	5	2	276.4	2.9359	97
3671	Electron tubes	1	1	196.6	7.9007	100
3674	Semiconductors & related devices	1	1	244.0	1.8151	100
3996	Hard-surface floor coverings n.e.c.	2	1	330.1	57.0515	99
6025	*National banks, federal reserve system*	*10*	*2*	*278.5*	*.2602*	*83*
7011	*Hotels, motels, & tourist courts*	*10*	*1*	*49.0*	*.2810*	*7[illegible]*
8062	*General medical & surgical hospitals*	*4*	*4*	*81.5*	*.0564*	*100*
Lawrence	**All mfg.**	**69**	**19**	**497.6**	**.0256**	**69**
4911	*Electric services*	*1*	*1*	*229.1*	*.3779*	*100*
8062	*General medical & surgical hospitals*	*3*	*3*	*61.7*	*.0427*	*100*
Lebanon	**All mfg.**	**110**	**39**	**1,039.7**	**.0534**	**7[illegible]**
3325	Steel foundries n.e.c.	2	2	79.0	2.7855	100
3452	Bolts, nuts, rivets, & washers	1	1	93.7	2.2618	100
3564	Blowers & exhaust & ventilation fans	2	2	48.4	3.0429	100
8062	*General medical & surgical hospitals*	*4*	*4*	*92.7*	*.0641*	*100*
Lehigh	**All mfg.**	**280**	**93**	**4,941.6**	**.2538**	**99**
2257	Circular knit fabric mills	7	3	175.9	5.6380	8[illegible]
2311	Men's & boys' suits & coats	4	3	48.0	1.4980	9[illegible]
2335	Women's & misses' dresses	9	4	43.6	1.0460	6[illegible]
2339	Women's & misses' outerwear n.e.c.	19	8	108.5	2.3198	[illegible]2
3585	Refrigeration & heating equipment	1	1	247.4	1.9883	100
3634	Electric housewares & fans	1	1	106.4	3.0562	100
3674	Semiconductors & related devices	1	1	396.7	2.9511	100
3711	Motor vehicles & passenger-car bodies	1	1	1,569.9	1.5462	100
4911	*Electric services*	*2*	*2*	*468.3*	*.7724*	*100*
6025	*National banks, federal reserve system*	*5*	*2*	*157.9*	*.1475*	*94*

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments		Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt	% In Large Estab
		Total	Large			
8062	*General medical & surgical hospitals*	*7*	*6*	*221.8*	*.1535*	*[illegible]*
Luzerne	**All mfg.**	**386**	**109**	**2,439.5**	**.1253**	**67**
2067	Chewing gum	1	1	119.0	14.3098	100
2121	Cigars	3	3	50.4	13.7931	100
2335	Women's & misses' dresses	97	15	282.6	6.7796	36
2339	Women's & misses' outerwear n.e.c.	13	3	54.3	1.1610	48
3443	Fabricated plate work (boiler shops)	5	3	104.8	1.0979	93
3496	Miscellaneous fabricated wire products	4	3	25.9	1.5458	96
3559	Special-industry machinery n.e.c.	5	3	48.6	1.1235	94
6025	*National banks, federal reserve system*	*11*	*3*	*195.1*	*.1823*	*81*
8062	*General medical & surgical hospitals*	*10*	*10*	*218.5*	*.1512*	*100*
Lycoming	**All mfg.**	**105**	**43**	**1,566.2**	**.0804**	**87**
2051	Bread, cake, & related products	1	1	100.9	.8072	100
3559	Special-industry machinery n.e.c.	1	1	48.8	1.1281	100
3724	Aircraft engines & engine parts	1	1	234.9	1.5474	100
8062	*General medical & surgical hospitals*	*4*	*4*	*104.4*	*.0722*	*100*
McKean	**All mfg.**	**37**	**14**	**1,549.2**	**.0796**	**95**
Mercer	**All mfg.**	**74**	**22**	**1,141.1**	**.0586**	**86**
3312	Blast furnaces & steel mills	2	2	565.1	1.5013	100
3317	Steel pipe & tubes	6	5	82.7	2.5210	96
3612	Transformers	1	1	119.2	4.2875	100
8062	*General medical & surgical hospitals*	*5*	*5*	*84.5*	*.0585*	*100*
Mifflin	**All mfg.**	**28**	**10**	**429.2**	**.0220**	**83**
3312	Blast furnaces & steel mills	1	1	133.0	.3533	100
3523	Farm machinery & equipment	1	1	74.2	.7882	100
Monroe	**All mfg.**	**54**	**16**	**373.9**	**.0192**	**63**
Montgomery	**All mfg.**	**770**	**233**	**7,874.5**	**.4045**	**78**
1611	*Highway & street construction*	*10*	*4*	*134.6*	*.8451*	*91*
1623	*Pipe- & utility-line construction*	*8*	*2*	*93.4*	*1.6247*	*87*
2254	Knit-underwear mills	3	2	36.5	3.8850	92
2311	Men's & boys' suits & coats	8	4	44.4	1.3857	79
2335	Women's & misses' dresses	7	4	40.3	.9668	88
[illegible]834	Pharmaceutical preparations	4	4	728.9	4.0602	100
3011	Tires & inner tubes	2	1	194.2	1.8494	98
3079	Miscellaneous plastics products	23	3	128.8	.4308	52
3317	Steel pipe & tubes	9	7	131.6	4.0117	95
3321	Gray-iron foundries	3	1	66.0	.8453	85
3361	Aluminum foundries	4	1	68.2	2.1726	93
3452	Bolts, nuts, rivets, & washers	4	2	86.6	2.0904	94
3544	Special dies, tools, jigs, & fixtures	15	3	25.3	.8500	53
3559	Special-industry machinery n.e.c.	18	4	50.6	1.1698	52
3566	Speed changers, drives, & gears	6	4	100.8	7.0371	97
3573	Electronic computing equipment	17	9	476.1	1.2100	92
3662	Radio & TV communication equipment	10	6	243.9	.7465	91
[illegible]79	Electronic components n.e.c.	16	7	109.8	.8879	78
3714	Motor-vehicle parts & accessories	6	4	185.8	.4372	93
3811	Engineering & scientific instruments	10	4	57.8	2.1530	86
3823	Industrial process-control instruments	7	4	314.2	9.2152	97
4011	*Line-haul-operating railroads*	*8*	*1*	*138.7*	*.9737*	*90*
[illegible]081	*Commercial-equipment wholesalers*	*9*	*1*	*199.5*	*1.5984*	*80*
6025	*National banks, federal reserve system*	*5*	*4*	*789.7*	*.7378*	*100*
7372	*Computer programming & software*	*15*	*6*	*284.9*	*3.0224*	*93*
8062	*General medical & surgical hospitals*	*17*	*3*	*479.0*	*.3315*	*97*
Montour	**All mfg.**	**10**	**7**	**247.4**	**.0127**	**97**
8062	*General medical & surgical hospitals*	*2*	*2*	*133.2*	*.0922*	*100*
Northampton	**All mfg.**	**254**	**75**	**2,669.1**	**.1371**	**79**
2331	Women's & misses' blouses	60	13	266.2	8.9356	48
[illegible]339	Women's & misses' outerwear n.e.c.	20	6	94.0	2.0097	69
3312	Blast furnaces & steel mills	1	1	877.7	2.3318	100
8062	*General medical & surgical hospitals*	*2*	*2*	*56.7*	*.0392*	*100*
Northumberland	**All mfg.**	**83**	**37**	**941.5**	**.0484**	**83**
2032	Canned food specialties	1	1	270.8	6.8635	100
2321	Men's & boys' shirts & nightwear	3	2	41.8	1.0800	93
Perry	**All mfg.**	**13**	**2**	**55.9**	**.0029**	**31**
Philadelphia	**All mfg.**	**1,326**	**373**	**14,801.4**	**.7603**	**81**
1622	*Bridge & tunnel construction*	*3*	*2*	*149.0*	*2.8858*	*98*
1623	*Pipe- & utility-line construction*	*4*	*2*	*71.6*	*1.2455*	*96*
1629	*Heavy construction n.e.c.*	*7*	*5*	*956.4*	*4.0395*	*99*
2011	Meat packing plants	6	3	345.4	.7822	91
2013	Sausages & other prepared meats	15	7	294.9	2.7736	88
2026	Fluid milk	11	7	230.4	1.3470	83
2051	Bread, cake, & related products	21	9	265.3	2.1223	87
2052	Cookies & crackers	5	2	283.3	6.2877	94
2065	Confectionery products	17	7	265.2	4.1795	81
2082	Malt beverages	2	2	343.1	2.8747	100
2086	Bottled & canned soft drinks	5	4	182.1	1.0625	96
2253	Knit outerwear mills	19	11	184.3	6.2762	90
2311	Men's & boys' suits & coats	41	22	355.3	11.0886	91
2329	Men's & boys' clothing n.e.c.	14	6	41.7	2.8400	73
2335	Women's & misses' dresses	21	7	98.9	2.3726	63
2339	Women's & misses' outerwear n.e.c.	15	3	48.3	1.0327	39
2361	Girls' & children's dresses & blouses	5	2	55.8	4.9398	89
2652	Set-up paperboard boxes	11	4	32.8	6.9951	65
2653	Corrugated & solid fiber boxes	14	7	147.4	1.4262	76
2711	Newspapers	8	4	147.6	.6920	90
2721	Periodicals	19	7	274.2	2.5523	88
2731	Book publishing	7	3	142.1	1.8714	89

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship/ Recpt	% In Large Estab.
2751	Letterpress commercial printing	35	7	57.5	1.2055	58
2752	Lithographic commercial printing	33	7	260.5	1.7637	52
2791	Typesetting	11	6	82.5	9.3463	80
2834	Pharmaceutical preparations	10	3	592.3	3.2993	94
2851	Paints & allied products	9	3	150.2	1.6824	82
2911	Petroleum refining	2	1	2,454.6	1.3533	98
3411	Metal cans	3	3	230.6	2.3566	100
3444	Sheet-metal work	18	8	86.7	1.5100	82
3469	Metal stampings n.e.c.	12	4	141.8	2.2254	83
3496	Miscellaneous fabricated wire products	12	4	27.3	1.6294	69
3537	Industrial trucks & tractors	2	1	35.8	2.2115	97
3561	Pumps & pumping equipment	6	1	79.9	1.5110	76
3562	Ball & roller bearings	3	3	73.8	2.2638	100
3585	Refrigeration & heating equipment	7	5	112.1	.9009	94
3613	Switchgear & switchboard apparatus	3	2	333.8	7.5621	99
3645	Residential electric lighting fixtures	15	6	124.5	10.5054	82
3714	Motor-vehicle parts & accessories	6	4	355.9	.8374	96
3721	Aircraft	1	1	119.6	.3734	100
3731	Ship building & repairing	4	2	337.9	3.8074	99
3811	Engineering & scientific instruments	10	3	48.3	1.7992	68
3999	Manufactures n.e.c.	15	4	43.4	1.6085	61
4011	*Line-haul-operating railroads*	*11*	*7*	*1,024.2*	*7.1903*	*100*
4931	*Electric & other services combined*	*1*	*1*	*949.9*	*2.8356*	*100*
5063	*Electrical-power-equipment wholesalers*	*31*	*2*	*440.3*	*1.2289*	*29*
5085	*Industrial-supply distributors*	*39*	*3*	*436.0*	*1.3013*	*38*
6025	*National banks, federal reserve system*	*3*	*3*	*818.3*	*.7645*	*100*
7011	*Hotels, motels, & tourist courts*	*17*	*3*	*50.2*	*.2879*	*52*
8062	*General medical & surgical hospitals*	*48*	*45*	*1,808.4*	*1.2514*	*99*
8221	*Colleges & universities n.e.c.*	*12*	*6*	*409.0*	*1.9884*	*96*
Pike	**All mfg.**	**3**	**2**	**45.7**	**.0023**	**98**
Potter	**All mfg.**	**16**	**4**	**99.1**	**.0051**	**79**
Schuylkill	**All mfg.**	**160**	**69**	**1,139.2**	**.0585**	**74**
2254	Knit-underwear mills	14	9	46.6	4.9601	86
2321	Men's & boys' shirts & nightwear	8	6	49.1	1.2686	89
2335	Women's & misses' dresses	20	7	106.7	2.5597	70
2341	Women's & children's underwear	4	2	33.3	1.2591	86
3079	Miscellaneous plastics products	6	5	80.7	.2700	93
8062	*General medical & surgical hospitals*	*5*	*5*	*87.6*	*.0606*	*100*
Snyder	**All mfg.**	**37**	**12**	**291.5**	**.0150**	**61**
Somerset	**All mfg.**	**49**	**16**	**268.5**	**.0138**	**69**
1211	*Bituminous-coal & lignite mining*	*19*	*3*	*162.8*	*.8860*	*52*
Sullivan	**All mfg.**	**7**	**1**	**18.8**	**.0010**	**37**
Susquehanna	**All mfg.**	**18**	**6**	**104.1**	**.0053**	**65**
Tioga	**All mfg.**	**16**	**6**	**136.8**	**.0070**	**84**
Union	**All mfg.**	**18**	**6**	**171.1**	**.0088**	**71**
Venango	**All mfg.**	**53**	**16**	**1,707.1**	**.0877**	**81**
3532	Mining machinery	2	2	100.9	5.6262	100
3563	Air & gas compressors	1	1	87.6	3.3369	100
Warren	**All mfg.**	**42**	**12**	**1,150.4**	**.0591**	**92**
3462	Iron & steel forgings	1	1	72.5	1.9776	100
3496	Miscellaneous fabricated wire products	2	1	27.3	1.6294	91
8062	*General medical & surgical hospitals*	*3*	*2*	*68.2*	*.0472*	*97*
Washington	**All mfg.**	**122**	**34**	**1,241.4**	**.0638**	**72**
1211	*Bituminous-coal & lignite mining*	*10*	*6*	*302.7*	*1.6474*	*95*
3221	Glass containers	2	2	86.9	1.7664	100
3312	Blast furnaces & steel mills	3	3	190.4	.5058	100
3612	Transformers	1	1	142.9	5.1399	100
8062	*General medical & surgical hospitals*	*4*	*4*	*116.6*	*.0807*	*100*
Wayne	**All mfg.**	**21**	**7**	**106.9**	**.0055**	**79**
Westmoreland	**All mfg.**	**209**	**68**	**3,382.4**	**.1737**	**86**
1211	*Bituminous-coal & lignite mining*	*7*	*6*	*181.7*	*.9889*	*95*
3229	Pressed & blown glass n.e.c.	8	4	55.8	1.7045	80
3312	Blast furnaces & steel mills	4	3	501.5	1.3324	99
3316	Cold-rolled steel sheet, strip, & bars	3	2	63.6	2.8989	97
3321	Gray-iron foundries	9	4	66.4	.8504	72
3563	Air & gas compressors	2	1	186.4	7.1004	99
3644	Non-current-carrying wiring devices	2	2	241.7	9.4677	100
3711	Motor vehicles & passenger-car bodies	1	1	941.9	.9277	100
3822	Environmental controls	2	2	50.3	3.1965	100
6025	*National banks, federal reserve system*	*7*	*2*	*485.8*	*.4539*	*97*
8062	*General medical & surgical hospitals*	*8*	*6*	*235.5*	*.1630*	*98*
Wyoming	**All mfg.**	**18**	**4**	**625.6**	**.0321**	**94**
2621	Paper mills, except building paper	1	1	284.8	1.3653	100
York	**All mfg.**	**343**	**124**	**3,835.8**	**.1970**	**82**
2522	Metal office furniture	2	2	158.3	4.8485	100
2621	Paper mills, except building paper	1	1	164.6	.7891	100
2761	Manifold business forms	4	3	196.6	3.6112	95
3496	Miscellaneous fabricated wire products	8	6	58.4	3.4855	97
3531	Construction machinery	3	2	319.6	2.6520	99
3585	Refrigeration & heating equipment	4	2	225.0	1.8083	94
3843	Dental equipment & supplies	1	1	71.6	6.0514	100
4912	*Nuclear power*	*1*	*1*	*368.0*	*2.7025*	*100*
8062	*General medical & surgical hospitals*	*3*	*3*	*112.3*	*.0777*	*100*
STATE TOTAL	**All mfg.**	**9,035**	**2,826**	**115,142.3**	**5.9142**	**83**

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship/ Recpt	% In Large Estab.
RHODE ISLAND						
Bristol	**All mfg.**	**51**	**14**	**327.8**	**.0168**	**73**
3161	Luggage	1	1	48.9	6.5841	100
Kent	**All mfg.**	**189**	**37**	**1,316.3**	**.0676**	**68**
3552	Textile machinery	1	1	83.0	7.8228	100
3643	Current-carrying wiring devices	3	2	85.4	2.9368	97
8062	*General medical & surgical hospitals*	*1*	*1*	*57.2*	*.0396*	*100*
Newport	**All mfg.**	**29**	**4**	**366.9**	**.0188**	**82**
3662	Radio & TV communication equipment	1	1	211.5	.6475	100
8062	*General medical & surgical hospitals*	*2*	*2*	*60.9*	*.0421*	*100*
Providence	**All mfg.**	**1,360**	**282**	**7,761.4**	**.3987**	**62**
2221	Synthetics- & silk-weaving mills	15	7	165.0	1.8559	82
2241	Narrow-fabric mills	33	12	114.5	12.6338	73
2269	Textile-finishing plants n.e.c.	8	5	75.3	10.3948	90
2292	Lace goods	6	3	12.5	18.5736	89
2499	Wood products n.e.c.	10	2	46.3	1.3659	76
2711	Newspapers	13	4	133.6	.6263	88
2751	Letterpress commercial printing	20	3	29.2	.6122	40
3079	Miscellaneous plastics products	57	13	385.2	1.2885	67
3229	Pressed & blown glass n.e.c.	4	4	74.5	2.2757	100
3357	Nonferrous-wire drawing & insulating	9	7	394.8	4.5981	98
3421	Cutlery	4	2	66.8	8.6049	96
3469	Metal stampings n.e.c.	23	3	67.1	1.0530	36
3471	Plating & polishing	49	2	73.2	3.7744	19
3496	Miscellaneous fabricated wire products	10	4	27.0	1.6115	84
3541	Metal-cutting machine tools	18	3	84.1	2.2699	57
3569	General industrial machinery n.e.c.	6	3	60.7	1.8565	90
3714	Motor-vehicle parts & accessories	1	1	164.0	.3859	100
3842	Surgical appliances & supplies	7	2	92.5	2.0781	87
3911	Precious-metal jewelry	156	26	623.3	25.9298	53
3914	Silverware & plated & stainless ware	12	2	72.0	12.5654	77
3915	Jewelers' materials & lapidary work	55	10	304.4	51.2544	65
3944	Games, toys, & children's vehicles	4	1	116.8	2.6624	87
3951	Pens & mechanical pencils	2	1	81.2	7.5923	96
3961	Costume jewelry	132	33	430.7	50.1572	65
3964	Needles, pins, & fasteners	8	5	60.9	8.5438	90
4911	*Electric services*	*3*	*2*	*216.5*	*.3571*	*98*
6025	*National banks, federal reserve system*	*4*	*3*	*538.5*	*.5031*	*97*
8062	*General medical & surgical hospitals*	*14*	*13*	*659.5*	*.4564*	*99*
8221	*Colleges & universities n.e.c.*	*6*	*4*	*59.9*	*.2912*	*89*
Washington	**All mfg.**	**68**	**19**	**776.6**	**.0399**	**81**
3545	Machine-tool accessories	1	1	59.7	2.4456	100
3731	Ship building & repairing	2	1	200.2	2.2558	99
8221	*Colleges & universities n.e.c.*	*1*	*1*	*65.4*	*.3179*	*100*
STATE TOTAL	**All mfg.**	**1,697**	**356**	**10,549.0**	**.5418**	**65**
SOUTH CAROLINA						
Abbeville	**All mfg.**	**16**	**12**	**295.1**	**.0152**	**97**
2221	Synthetics- & silk-weaving mills	3	2	117.4	1.3205	97
Aiken	**All mfg.**	**53**	**28**	**2,065.9**	**.1061**	**97**
2211	Cotton-weaving mills	5	5	104.5	1.9434	100
2221	Synthetics- & silk-weaving mills	2	2	114.9	1.2924	100
2262	Synthetics- & silk-finishing plants	2	2	237.4	7.8614	100
2819	Industrial inorganic chemicals n.e.c.	2	1	939.3	8.0225	100
3229	Pressed & blown glass n.e.c.	1	1	94.4	2.8836	100
Allendale	**All mfg.**	**10**	**5**	**133.5**	**.0069**	**78**
Anderson	**All mfg.**	**102**	**53**	**1,623.6**	**.0834**	**90**
2211	Cotton-weaving mills	13	11	259.4	4.8242	98
2221	Synthetics- & silk-weaving mills	9	9	285.7	3.2135	100
2321	Men's & boys' shirts & nightwear	6	5	52.7	1.3616	95
2824	Noncellulosic synthetic organic fibers	1	1	212.7	2.0824	100
3069	Fabricated rubber products n.e.c.	2	2	82.8	1.4519	100
3229	Pressed & blown glass n.e.c.	1	1	83.0	2.5354	100
3635	Household vacuum cleaners	1	1	81.8	9.3326	100
3636	Sewing machines	1	1	56.8	16.7502	100
8062	*General medical & surgical hospitals*	*2*	*1*	*66.0*	*.0457*	*98*
Bamberg	**All mfg.**	**18**	**5**	**119.7**	**.0061**	**63**
Barnwell	**All mfg.**	**20**	**11**	**225.5**	**.0116**	**84**
Beaufort	**All mfg.**	**23**	**7**	**168.8**	**.0087**	**56**
7011	*Hotels, motels, & tourist courts*	*6*	*2*	*46.0*	*.2638*	*81*
Berkeley	**All mfg.**	**26**	**15**	**614.7**	**.0316**	**92**
2824	Noncellulosic synthetic organic fibers	1	1	182.3	1.7848	100
Calhoun	**All mfg.**	**6**	**2**	**115.6**	**.0059**	**11**
Charleston	**All mfg.**	**118**	**31**	**1,505.9**	**.0773**	**77**
2631	Paperboard mills	1	1	275.8	2.4946	100
2861	Gum & wood chemicals	1	1	96.3	17.1230	100
3519	Internal-combustion engines n.e.c.	1	1	109.4	1.2175	100
3731	Ship building & repairing	7	6	62.4	.7031	96
6025	*National banks, federal reserve system*	*2*	*2*	*625.5*	*.5844*	*100*
8062	*General medical & surgical hospitals*	*9*	*8*	*312.9*	*.2165*	*100*
Cherokee	**All mfg.**	**35**	**17**	**420.9**	**.0216**	**85**
2211	Cotton-weaving mills	3	3	55.3	1.0284	100
2261	Cotton-finishing plants	3	2	27.1	2.4805	97

1983 (S&MM Est.)

SOUTH CAROLINA (cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship Recpt	% In Large Estab
Chester	**All mfg.**	**36**	**23**	**599.9**	**.0308**	**92**
2211	Cotton-weaving mills	5	5	74.3	1.3818	100
2221	Synthetics- & silk-weaving mills	8	8	297.4	3.3451	100
Chesterfield	**All mfg.**	**45**	**24**	**464.4**	**.0239**	**82**
Clarendon	**All mfg.**	**16**	**8**	**84.7**	**.0044**	**80**
Colleton	**All mfg.**	**22**	**10**	**170.1**	**.0087**	**74**
Darlington	**All mfg.**	**34**	**18**	**832.4**	**.0428**	**93**
2262	Synthetics- & silk-finishing plants	1	1	174.0	5.7620	100
4912	*Nuclear power*	*1*	*1*	*251.6*	*1.8477*	*100*
Dillon	**All mfg.**	**21**	**8**	**210.0**	**.0108**	**76**
Dorchester	**All mfg.**	**27**	**5**	**210.2**	**.0108**	**64**
Edgefield	**All mfg.**	**12**	**7**	**134.3**	**.0069**	**85**
Fairfield	**All mfg.**	**11**	**4**	**114.4**	**.0059**	**87**
Florence	**All mfg.**	**71**	**28**	**1,049.5**	**.0539**	**82**
2824	Noncellulosic synthetic organic fibers	1	1	183.9	1.8004	100
3651	Radio & TV receiving sets	1	1	107.0	1.5727	100
8062	*General medical & surgical hospitals*	*3*	*2*	*56.2*	*.0389*	*94*
Georgetown	**All mfg.**	**28**	**7**	**489.5**	**.0251**	**91**
2631	Paperboard mills	1	1	268.9	2.4322	100
Greenville	**All mfg.**	**338**	**109**	**4,065.9**	**.2088**	**82**
1629	*Heavy construction n.e.c.*	*7*	*2*	*429.4*	*1.8137*	*96*
2211	Cotton-weaving mills	10	9	151.3	2.8138	99
2221	Synthetics- & silk-weaving mills	9	7	578.3	6.5047	98
2272	Tufted carpets & rugs	3	3	203.7	3.4476	100
2369	Girls' & children's outerwear n.e.c.	1	1	27.8	3.1961	100
2643	Bags, except textile bags	4	1	145.2	2.3308	92
2821	Plastics materials & synthetic resins	2	2	231.5	1.3233	100
2824	Noncellulosic synthetic organic fibers	1	1	357.0	3.4951	100
3011	Tires & inner tubes	1	1	256.8	2.4456	100
3552	Textile machinery	32	8	108.1	10.1885	73
3675	Electronic capacitors	1	1	127.3	9.5506	100
8062	*General medical & surgical hospitals*	*6*	*4*	*116.5*	*.0806*	*92*
Greenwood	**All mfg.**	**52**	**30**	**1,180.3**	**.0606**	**94**
2211	Cotton-weaving mills	6	6	149.7	2.7840	100
2221	Synthetics- & silk-weaving mills	6	6	234.5	2.6376	100
2824	Noncellulosic synthetic organic fibers	1	1	359.6	3.5206	100
Hampton	**All mfg.**	**24**	**4**	**198.8**	**.0102**	**46**
3079	Miscellaneous plastics products	3	1	71.6	.2395	95
Horry	**All mfg.**	**37**	**13**	**345.8**	**.0178**	**76**
3675	Electronic capacitors	1	1	76.4	5.7319	100
7011	*Hotels, motels, & tourist courts*	*85*		*78.3*	*.4491*	*0*
Jasper	**All mfg.**	**4**	**1**	**13.8**	**.0007**	**75**
Kershaw	**All mfg.**	**32**	**15**	**887.1**	**.0456**	**95**
2211	Cotton-weaving mills	3	3	46.6	.8666	100
2824	Noncellulosic synthetic organic fibers	1	1	584.4	5.7214	100
Lancaster	**All mfg.**	**26**	**11**	**555.4**	**.0285**	**89**
2211	Cotton-weaving mills	3	3	198.8	3.6972	100
2262	Synthetics- & silk-finishing plants	1	1	177.0	5.8613	100
Laurens	**All mfg.**	**36**	**21**	**565.7**	**.0291**	**91**
2211	Cotton-weaving mills	4	4	64.9	1.2070	100
2221	Synthetics- & silk-weaving mills	4	4	202.3	2.2755	100
3562	Ball & roller bearings	1	1	75.4	2.3129	100
Lee	**All mfg.**	**9**	**3**	**96.9**	**.0050**	**66**
Lexington	**All mfg.**	**91**	**36**	**1,233.9**	**.0634**	**85**
2824	Noncellulosic synthetic organic fibers	1	1	261.8	2.5631	100
McCormick	**All mfg.**	**6**	**1**	**37.3**	**.0019**	**35**
Marion	**All mfg.**	**22**	**13**	**310.0**	**.0159**	**89**
Marlboro	**All mfg.**	**22**	**14**	**318.7**	**.0164**	**92**
Newberry	**All mfg.**	**30**	**15**	**388.7**	**.0200**	**87**
2211	Cotton-weaving mills	3	3	64.8	1.2051	100
Oconee	**All mfg.**	**32**	**15**	**370.6**	**.0190**	**86**
2211	Cotton-weaving mills	3	2	49.9	.9280	94
3825	Electricity-measuring instruments	1	1	81.3	1.4483	100
4912	*Nuclear power*	*3*	*3*	*356.7*	*2.6195*	*100*
Orangeburg	**All mfg.**	**53**	**23**	**616.5**	**.0317**	**78**
Pickens	**All mfg.**	**57**	**32**	**809.9**	**.0416**	**92**
2211	Cotton-weaving mills	10	10	159.0	2.9570	100
2261	Cotton-finishing plants	1	1	52.1	4.7689	100
2282	Throwing & winding mills, except wool	3	3	152.4	7.7842	100
3546	Power-driven hand tools	1	1	79.0	5.6044	100
3552	Textile machinery	1	1	38.4	3.6192	100
3675	Electronic capacitors	1	1	75.4	5.6568	100
Richland	**All mfg.**	**118**	**40**	**1,250.3**	**.0642**	**79**
2211	Cotton-weaving mills	3	3	62.6	1.1642	100
2824	Noncellulosic synthetic organic fibers	1	1	234.6	2.2968	100
4931	*Electric & other services combined*	*1*	*1*	*339.9*	*1.0147*	*100*
8062	*General medical & surgical hospitals*	*9*	*8*	*453.0*	*.3135*	*99*
Saluda	**All mfg.**	**12**	**4**	**93.8**	**.0048**	**65**
Spartanburg	**All mfg.**	**201**	**82**	**2,838.4**	**.1458**	**85**
2211	Cotton-weaving mills	16	13	220.[illegible]	4.0989	98
2221	Synthetics- & silk-weaving mills	8	6	143.[illegible]	1.6163	94
2261	Cotton-finishing plants	2	2	43.8	4.0092	100
2262	Synthetics- & silk-finishing plants	1	1	135.6	4.4904	100
2321	Men's & boys' shirts & nightwear	3	3	40.0	1.0335	100
2824	Noncellulosic synthetic organic fibers	2	2	464.2	4.5447	100
3011	Tires & inner tubes	2	1	202.9	1.9323	95
3079	Miscellaneous plastics products	10	1	76.5	.2559	67
3552	Textile machinery	15	2	34.4	3.2422	63
8062	*General medical & surgical hospitals*	*3*	*2*	*96.1*	*.0665*	*96*
Sumter	**All mfg.**	**62**	**21**	**841.9**	**.0432**	**82**
2038	Frozen food specialties	1	1	273.3	5.8711	100
25'1	Wood household furniture	2	2	52.7	.8898	100
Union	**All mfg.**	**22**	**14**	**305.2**	**.0157**	**91**
2261	Cotton-finishing plants	3	3	49.9	4.5675	100
Williamsburg	**All mfg.**	**21**	**8**	**249.3**	**.0128**	**80**
York	**All mfg.**	**83**	**24**	**978.6**	**.0503**	**82**
2211	Cotton-weaving mills	3	2	48.3	.8983	98
2261	Cotton-finishing plants	5	1	34.6	3.1670	86
2262	Synthetics- & silk-finishing plants	1	1	156.6	5.1858	100
2823	Cellulosic man-made fibers	1	1	110.4	7.2828	100
STATE TOTAL	**All mfg.**	**2,140**	**877**	**30,202.2**	**1.5513**	**85**

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship. Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments, lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

SOUTH DAKOTA

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship Recpt	% In Large Estab
Aurora	**All mfg.**	**1**		**1.7**	**.0001**	**0**
Beadle	**All mfg.**	**21**	**3**	**208.0**	**.0107**	**58**
Bon Homme	**All mfg.**	**4**		**7.8**	**.0004**	**0**
Brookings	**All mfg.**	**15**	**3**	**128.6**	**.0066**	**56**
Brown	**All mfg.**	**22**	**5**	**181.2**	**.0093**	**58**
Brule	**All mfg.**	**1**		**3.4**	**.0002**	**0**
Butte	**All mfg.**	**6**		**14.3**	**.0007**	**0**
Campbell	**All mfg.**	**1**		**16.5**	**.0008**	**0**
Charles Mix	**All mfg.**	**2**		**22.2**	**.0011**	**0**
Clark	**All mfg.**	**2**	**2**	**25.7**	**.0013**	**100**
Clay	**All mfg.**	**7**	**1**	**25.8**	**.0013**	**26**
Codington	**All mfg.**	**24**	**4**	**109.0**	**.0056**	**51**
Corson	**All mfg.**	**1**		**3.8**	**.0002**	**0**
Custer	**All mfg.**	**3**		**5.1**	**.0003**	**0**
Davison	**All mfg.**	**15**	**2**	**107.4**	**.0055**	**33**
Day	**All mfg.**	**3**	**1**	**27.7**	**.0014**	**84**
Deuel	**All mfg.**	**1**		**3.0**	**.0002**	**0**
Dewey	**All mfg.**	**1**		**6.6**	**.0003**	**0**
Douglas	**All mfg.**	**4**		**6.5**	**.0003**	**0**
Edmunds	**All mfg.**	**2**		**5.4**	**.0003**	**0**
Fall River	**All mfg.**	**4**		**10.7**	**.0005**	**0**
Grant	**All mfg.**	**9**	**2**	**76.6**	**.0039**	**54**
Gregory	**All mfg.**	**4**		**12.9**	**.0007**	**0**
Haakon	**All mfg.**	**1**		**2.5**	**.0001**	**0**
Hamlin	**All mfg.**	**1**		**14.4**	**.0007**	**0**
Hand	**All mfg.**	**3**		**6.2**	**.0003**	**0**
Hanson	**All mfg.**	**1**		**3.4**	**.0002**	**0**
Hughes	**All mfg.**	**4**		**10.5**	**.0005**	**0**
Hutchinson	**All mfg.**	**8**		**28.5**	**.0015**	**0**
Jerauld	**All mfg.**	**2**		**4.4**	**.0002**	**0**
Jones	**All mfg.**	**1**		**5.0**	**.0003**	**0**
Kingsbury	**All mfg.**	**5**		**12.3**	**.0006**	**0**
Lake	**All mfg.**	**8**	**3**	**41.3**	**.0021**	**73**
Lawrence	**All mfg.**	**6**		**18.5**	**.0010**	**0**
Lincoln	**All mfg.**	**9**	**1**	**45.6**	**.0023**	**30**
Lyman	**All mfg.**	**1**		**3.5**	**.0002**	**0**
McCook	**All mfg.**	**9**		**22.8**	**.0012**	**0**
McPherson	**All mfg.**	**1**		**8.1**	**.0004**	**0**
Marshall	**All mfg.**	**5**		**22.8**	**.0012**	**0**
Meade	**All mfg.**	**7**		**34.3**	**.0018**	**0**
Miner	**All mfg.**	**3**		**4.9**	**.0003**	**0**
Minnehaha	**All mfg.**	**80**	**18**	**831.1**	**.0427**	**70**
2013	Sausages & other prepared meats	1	1	348.3	3.2759	100
7011	*Hotels, motels, & tourist courts*	*4*	*1*	*41.7*	*.2392*	*88*
Moody	**All mfg.**	**4**		**10.4**	**.0005**	**0**
Pennington	**All mfg.**	**39**	**9**	**355.1**	**.0182**	**70**
Perkins	**All mfg.**	**1**		**3.2**	**.0002**	**0**
Potter	**All mfg.**	**3**		**9.9**	**.0005**	**0**
Roberts	**All mfg.**	**3**		**8.4**	**.0004**	**0**
Sanborn	**All mfg.**	**1**		**1.0**	**.0001**	**0**
Shannon	**All mfg.**	**1**	**1**	**2.5**	**.0001**	**100**

1983 (S&MM Est)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil)	% Of U S Ship Recpt	% In Large Estab
Spink	**All mfg.**	**2**		**11.5**	**.0006**	**0**
Stanley	**All mfg.**	**2**		**10.2**	**.0005**	**0**
Todd	**All mfg.**	**2**		**6.4**	**.0003**	**0**
Turner	**All mfg.**	**4**		**26.2**	**.0013**	**0**
Union	**All mfg.**	**14**	**2**	**70.1**	**.0036**	**51**
Walworth	**All mfg.**	**2**		**6.5**	**.0003**	**0**
Yankton	**All mfg.**	**13**	**6**	**172.5**	**.0089**	**80**
STATE TOTAL	**All mfg.**	**400**	**63**	**2,823.9**	**.1450**	**54**

TENNESSEE

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil)	% Of U S Ship Recpt	% In Large Estab
Anderson	**All mfg.**	**43**	**12**	**1,973.2**	**.1014**	**94**
2819	Industrial inorganic chemicals n.e.c.	3	2	1,684.9	14.3906	100
Bedford	**All mfg.**	**33**	**12**	**291.3**	**.0150**	**77**
Benton	**All mfg.**	**7**	**2**	**35.5**	**.0018**	**72**
Bledsoe	**All mfg.**	**8**	**3**	**23.8**	**.0012**	**59**
Blount	**All mfg.**	**28**	**8**	**1,536.6**	**.0789**	**97**
2823	Cellulosic man-made fibers	1	1	186.7	12.3161	100
3334	Primary aluminum	1	1	790.6	12.3416	100
3353	Aluminum sheet, plate, & foil	1	1	430.6	5.0078	100
Bradley	**All mfg.**	**61**	**27**	**807.7**	**.0415**	**86**
2328	Men's & boys' work clothing	1	1	57.1	1.1786	100
3631	Household cooking equipment	3	3	258.3	9.0283	100
3692	Dry & wet primary batteries	1	1	108.4	9.5667	100
Campbell	**All mfg.**	**17**	**5**	**78.7**	**.0040**	**70**
Cannon	**All mfg.**	**7**	**3**	**42.6**	**.0022**	**72**
Carroll	**All mfg.**	**16**	**9**	**185.4**	**.0095**	**85**
Carter	**All mfg.**	**18**	**9**	**219.8**	**.0113**	**87**
2823	Cellulosic man-made fibers	1	1	92.7	6.1152	100
Cheatham	**All mfg.**	**8**	**4**	**154.4**	**.0079**	**85**
Chester	**All mfg.**	**7**	**2**	**44.5**	**.0023**	**76**
Claiborne	**All mfg.**	**8**	**6**	**43.0**	**.0022**	**88**
Clay	**All mfg.**	**5**		**18.0**	**.0009**	**0**
Cocke	**All mfg.**	**14**	**14**	**360.7**	**.0185**	**100**
Coffee	**All mfg.**	**40**	**11**	**263.6**	**.0135**	**67**
3949	Sporting & athletic goods n.e.c.	3	2	48.3	1.6531	91
Crockett	**All mfg.**	**7**	**2**	**30.2**	**.0016**	**48**
Cumberland	**All mfg.**	**16**	**7**	**129.6**	**.0067**	**60**
Davidson	**All mfg.**	**364**	**101**	**4,552.5**	**.2338**	**82**
1629	*Heavy construction n.e.c.*	*7*	*3*	*86.3*	*3645*	*80*
2011	Meat-packing plants	5	4	483.0	1.0939	96
2711	Newspapers	4	2	156.6	7342	97
2751	Letterpress commercial printing	13	5	46.8	9812	77
2824	Noncellulosic synthetic organic fibers	1	1	555.8	5.4414	100
3079	Miscellaneous plastics products	8	2	78.4	2623	83
3211	Flat glass	1	1	223.6	13.3087	100
3728	Aircraft equipment n.e.c.	1	1	188.6	1.9938	100
3731	Ship building & repairing	1	1	59.6	6716	100
6025	*National banks, federal reserve system*	*2*	*2*	*383.2*	*3580*	*100*
7011	*Hotels, motels, & tourist courts*	*30*	*2*	*70.6*	*4049*	*39*
8062	*General medical & surgical hospitals*	*12*	*12*	*346.7*	*.2399*	*100*
Decatur	**All mfg.**	**7**	**4**	**74.8**	**.0038**	**87**
De Kalb	**All mfg.**	**12**	**6**	**78.7**	**.0040**	**86**
Dickson	**All mfg.**	**15**	**3**	**149.0**	**.0077**	**76**
Dyer	**All mfg.**	**20**	**9**	**365.2**	**.0188**	**90**
Fayette	**All mfg.**	**12**	**5**	**99.5**	**.0051**	**72**
Fentress	**All mfg.**	**13**	**5**	**71.2**	**.0037**	**65**
Franklin	**All mfg.**	**18**	**5**	**115.6**	**.0059**	**79**
Gibson	**All mfg.**	**43**	**26**	**535.2**	**.0275**	**92**
3483	Ammunition, except small arms, n.e.c.	2	1	70.2	5.5657	96
Giles	**All mfg.**	**23**	**9**	**337.3**	**.0173**	**83**
3714	Motor vehicle parts & accessories	1	1	142.5	3353	100
Grainger	**All mfg.**	**10**	**3**	**50.8**	**.0026**	**71**
Greene	**All mfg.**	**35**	**18**	**783.1**	**.0402**	**92**
3651	Radio & TV receiving sets	1	1	189.8	2.7897	100
Grundy	**All mfg.**	**8**	**3**	**35.7**	**.0018**	**59**
Hamblen	**All mfg**	**56**	**20**	**503.6**	**.0259**	**82**
2511	Wood household furniture	4	3	85.1	1.4368	98
2512	Upholstered wood household furniture	6	1	58.7	1.3368	81
3079	Miscellaneous plastics products	5	3	69.8	2335	87
Hamilton	**All mfg**	**260**	**94**	**3,849.8**	**.1977**	**84**
2052	Cookies & crackers	2	1	145.0	3.2182	94
2281	Yarn spinning mills, except wool	4	4	119.7	2.5278	100
2824	Noncellulosic synthetic organic fibers	1	1	653.9	6.4019	100
2892	Explosives	1	1	91.2	6.9359	100
3264	Porcelain electrical supplies	3	2	47.7	8.6790	98
3321	Gray iron foundries	5	3	140.2	1.7916	96
3443	Fabricated plate work (boiler shops)	7	6	352.6	3.6919	99
3494	Valves & pipe fittings	3	3	173.4	1.9964	100
4911	*Electric services*	*4*	*2*	*516.1*	*1.0162*	*98*
8062	*General medical & surgical hospitals*	*8*	*7*	*208.7*	*.1444*	*98*
Hancock	**All mfg**	**1**		**2.3**	**0001**	**0**
Hardeman	**All mfg**	**12**	**7**	**154.2**	**0079**	**94**
Hardin	**All mfg.**	**16**	**5**	**201.5**	**.0103**	**82**
Hawkins	**All mfg.**	**7**	**7**	**199.3**	**.0102**	**100**
Haywood	**All mfg.**	**18**	**5**	**87.2**	**.0045**	**52**
Henderson	**All mfg.**	**16**	**10**	**206.1**	**.0106**	**85**
Henry	**All mfg.**	**23**	**10**	**240.2**	**.0123**	**83**
Hickman	**All mfg.**	**7**	**2**	**27.8**	**.0014**	**61**
Houston	**All mfg.**	**4**	**2**	**20.7**	**.0011**	**80**
Humphreys	**All mfg.**	**11**	**7**	**325.7**	**.0167**	**96**
4911	*Electric services*	*1*	*1*	*223.7*	*.3690*	*100*
Jackson	**All mfg.**	**9**	**5**	**129.5**	**.0067**	**86**
Jefferson	**All mfg.**	**19**	**9**	**211.3**	**.0109**	**90**
2517	Wood TV & radio cabinets	1	1	36.8	10.8172	100
Johnson	**All mfg.**	**7**	**4**	**173.9**	**.0089**	**95**
2221	Synthetics- & silk-weaving mills	1	1	130.1	1.4634	100
Knox	**All mfg.**	**226**	**71**	**2,212.2**	**.1136**	**81**
2254	Knit-underwear mills	2	1	75.5	8.0362	99
2311	Men's & boys' suits & coats	8	5	82.8	2.5841	95
2328	Men's & boys' work clothing	1	1	84.0	1.7336	100
2399	Fabricated textile products n.e.c.	2	1	78.3	6.4711	98
3079	Miscellaneous plastics products	8	5	78.0	.2609	90
4911	*Electric services*	*2*	*2*	*1,329.6*	*2.1930*	*100*
8062	*General medical & surgical hospitals*	*6*	*6*	*218.9*	*.1515*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*116.0*	*.5639*	*100*
Lake	**All mfg.**	**10**	**3**	**96.6**	**.0050**	**31**
Lauderdale	**All mfg.**	**22**	**13**	**269.8**	**.0139**	**89**
3079	Miscellaneous plastics products	3	2	80.8	.2703	98
Lawrence	**All mfg.**	**27**	**5**	**369.4**	**.0190**	**79**
3524	Lawn & garden equipment	1	1	58.8	4.2412	100
3751	Motorcycles, bicycles, & parts	1	1	140.2	10.9386	100
Lewis	**All mfg.**	**7**	**3**	**62.2**	**.0032**	**87**
Lincoln	**All mfg.**	**17**	**9**	**313.4**	**.0161**	**85**
2335	Women's & misses' dresses	4	4	81.2	1.9480	100
3585	Refrigeration & heating equipment	1	1	110.0	.8841	100
Loudon	**All mfg.**	**18**	**9**	**284.1**	**.0146**	**93**
3714	Motor-vehicle parts & accessories	1	1	114.0	.2682	100
McMinn	**All mfg.**	**46**	**25**	**590.1**	**.0303**	**92**
2621	Paper mills, except building paper	1	1	191.4	.9175	100
McNairy	**All mfg.**	**18**	**10**	**158.6**	**.0081**	**93**
2321	Men's & boys' shirts & nightwear	6	4	37.6	.9715	94
Macon	**All mfg.**	**10**	**4**	**59.3**	**.0030**	**68**
Madison	**All mfg.**	**69**	**24**	**888.8**	**.0457**	**83**
8062	*General medical & surgical hospitals*	*2*	*2*	*65.0*	*.0450*	*100*
Marion	**All mfg.**	**16**	**8**	**112.8**	**.0058**	**73**
Marshall	**All mfg.**	**25**	**12**	**277.4**	**.0142**	**82**
3585	Refrigeration & heating equipment	2	1	106.4	.8551	95
3952	Lead pencils & art goods	3	3	42.6	11.8696	100
Maury	**All mfg.**	**52**	**14**	**669.2**	**.0344**	**64**
Meigs	**All mfg.**	**6**	**3**	**21.0**	**.0011**	**80**
Monroe	**All mfg.**	**22**	**6**	**112.1**	**.0058**	**64**
Montgomery	**All mfg.**	**27**	**12**	**434.3**	**.0223**	**89**
3143	Men's nonathletic footwear	1	1	36.7	1.7783	100
3585	Refrigeration & heating equipment	1	1	187.9	1.5101	100
Moore	**All mfg.**	**2**	**1**	**64.3**	**.0033**	**98**
Morgan	**All mfg.**	**6**	**4**	**68.2**	**.0035**	**93**
Obion	**All mfg.**	**26**	**3**	**607.9**	**.0312**	**92**
3011	Tires & inner tubes	1	1	340.8	3.2455	100
Overton	**All mfg.**	**8**	**3**	**33.5**	**.0017**	**38**
Perry	**All mfg.**	**6**	**3**	**34.0**	**.0017**	**80**
Pickett	**All mfg.**	**6**	**2**	**27.8**	**.0014**	**70**
Polk	**All mfg.**	**5**	**2**	**116.1**	**.0060**	**91**
Putnam	**All mfg.**	**59**	**19**	**450.1**	**.0231**	**73**
Rhea	**All mfg.**	**19**	**12**	**237.4**	**.0122**	**93**
Roane	**All mfg.**	**19**	**5**	**182.4**	**.0094**	**68**
2251	Women's full- & knee-length hosiery	2	2	56.9	4.1379	100
Robertson	**All mfg.**	**23**	**10**	**200.0**	**.0103**	**73**
Rutherford	**All mfg**	**71**	**29**	**827.2**	**.0425**	**84**
3011	Tires & inner tubes	1	1	179.8	1.7123	100
3621	Motors & generators	1	1	53.6	8751	100
8062	*General medical & surgical hospitals*	*3*	*2*	*75.2*	*0520*	*97*
Scott	**All mfg**	**7**	**3**	**36.1**	**.0019**	**75**
Sequatchie	**All mfg**	**5**	**1**	**23.1**	**.0012**	**48**
Sevier	**All mfg**	**20**	**5**	**130.3**	**.0067**	**66**
Shelby	**All mfg**	**541**	**134**	**6,645.5**	**.3413**	**77**
2011	Meat packing plants	6	4	325.4	7369	92
2051	Bread, cake, & related products	11	5	111.2	8896	88
2511	Wood household furniture	5	3	70.8	1.1953	94
2643	Bags, except textile bags	4	3	238.5	3.8285	96
2647	Sanitary paper products	2	1	189.8	4.0950	98
2711	Newspapers	5	1	79.5	3727	89
2834	Pharmaceutical preparations	2	1	229.8	1.2801	98
3079	Miscellaneous plastics products	17	3	69.7	2332	55
3523	Farm machinery & equipment	3	2	200.8	2.1329	96
3714	Motor vehicle parts & accessories	8	3	142.8	3360	82
3931	Musical instruments & parts	1	2	44.9	4.2069	100
4931	*Electric & other services combined*	[illegible]	*1*	*562.4*	*1.6789*	*100*

1983 (S&MM Est)

TENNESSEE (Shelby, cont.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
5063	Electrical-power-equipment wholesalers	17	4	410.8	1.1466	63
6025	National banks, federal reserve system	5	4	420.7	.3930	99
7011	Hotels, motels, & tourist courts	25	6	887.7	5.0915	97
8062	General medical & surgical hospitals	11	10	601.3	.4161	100
8221	Colleges & universities n.e.c.	4	1	79.6	.3870	93
Smith	All mfg.	8	4	92.9	.0048	87
Stewart	All mfg.	1		2.8	.0001	0
4911	Electric services	1	1	225.6	.3721	100
Sullivan	All mfg.	72	29	2,680.9	.1377	95
2821	Plastics materials & synthetic resins	1	1	312.8	1.7880	100
2823	Cellulosic man-made fibers	1	1	695.8	45.9001	100
2869	Industrial organic chemicals n.e.c.	1	1	737.4	2.0055	100
3483	Ammunition, except small-arms, n.e.c.	2	1	73.3	5.8115	98
3662	Radio & TV communication equipment	1	1	185.1	.5665	100
8062	General medical & surgical hospitals	4	3	106.7	.0738	98
Sumner	All mfg.	53	23	645.8	.0332	70
Tipton	All mfg.	15	6	108.1	.0056	71
Trousdale	All mfg.	9	6	68.7	.0035	94
Unicoi	All mfg.	9	6	126.1	.0065	91
Union	All mfg.	6	1	45.4	.0023	75
Van Buren	All mfg.	6	3	34.5	.0018	61
Warren	All mfg.	28	14	385.3	.0198	89
3585	Refrigeration & heating equipment	1	1	137.5	1.1051	100
Washington	All mfg.	65	27	991.6	.0509	87
3661	Telephone & telegraph apparatus	1	1	222.8	1.2929	100
8062	General medical & surgical hospitals	3	2	84.4	.0584	97
Wayne	All mfg.	11	8	78.3	.0040	95
Weakley	All mfg.	21	10	190.0	.0098	84
White	All mfg.	22	9	204.7	.0105	85
Williamson	All mfg.	30	9	242.0	.0124	72
Wilson	All mfg.	41	12	410.1	.0211	76
STATE TOTAL	All mfg.	3,227	1,159	42,742.7	2.1955	84

TEXAS

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Anderson	All mfg.	19	6	525.5	.0270	30
Andrews	All mfg.	3	1	24.5	.0013	82
Angelina	All mfg.	40	18	702.6	.0361	86
2621	Paper mills, except building paper	1	1	168.4	.8073	100
3321	Gray-iron foundries	2	2	81.4	1.0425	100
Aransas	All mfg.	3	1	15.4	.0008	59
Armstrong	All mfg.	1		2.5	.0001	0
Atascosa	All mfg.	2		7.2	.0004	0
Austin	All mfg.	14	1	82.1	.0042	13
Bailey	All mfg.	1		2.5	.0001	0
Bandera	All mfg.	1	1	5.7	.0003	100
Bastrop	All mfg.	8	2	42.4	.0022	42
Baylor	All mfg.	2	1	7.4	.0004	76
Bee	All mfg.	5		13.2	.0007	0
Bell	All mfg.	59	19	563.6	.0289	77
2531	Public building & related furniture	5	4	62.6	4.5339	97
3079	Miscellaneous plastics products	4	4	85.4	.2857	100
3573	Electronic computing equipment	1	1	185.2	.4707	100
8062	General medical & surgical hospitals	5	5	205.7	.1423	100
Bexar	All mfg.	348	112	4,143.0	.2128	74
1422	Crushed- & broken-limestone quarrying	5	4	85.7	2.3170	97
1611	Highway & street construction	11	3	123.8	.7773	85
1622	Bridge & tunnel construction	1	1	179.3	3.4727	100
1623	Pipe- & utility-line construction	7	1	107.7	1.8735	90
1629	Heavy construction n.e.c.	5	1	157.3	.6644	86
2011	Meat-packing plants	10	7	799.2	1.8100	93
2051	Bread, cake, & related products	8	5	76.3	.6104	91
2311	Men's & boys' suits & coats	4	3	54.5	1.7009	96
2339	Women's & misses' outerwear n.e.c.	4	1	69.9	1.4945	86
2711	Newspapers	4	2	75.7	.3549	94
3272	Concrete products n.e.c.	13	4	52.0	1.7649	63
3441	Fabricated structural metal	11	4	78.7	.9582	75
3479	Metal coating & allied services n.e.c.	2	1	60.3	2.8455	95
3573	Electronic computing equipment	4	3	210.6	.5352	97
3585	Refrigeration & heating equipment	5	4	142.1	1.1421	95
3721	Aircraft	4	2	210.9	.6585	94
6025	National banks, federal reserve system	19	7	331.8	.3100	88
7011	Hotels, motels, & tourist courts	22	4	87.0	.4990	65

DEFINITIONS **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
8062	General medical & surgical hospitals	20	17	919.9	.6366	99
Blanco	All mfg.	1		5.6	.0003	0
Bosque	All mfg.	10	4	58.5	.0030	69
Bowie	All mfg.	56	12	437.7	.0225	57
Brazoria	All mfg.	76	24	5,239.0	.2691	91
2812	Alkalies & chlorine	2	2	73.8	5.1211	100
2819	Industrial inorganic chemicals n.e.c.	5	2	144.5	1.2342	87
2821	Plastics materials & synthetic resins	3	2	260.7	1.4902	94
2869	Industrial organic chemicals n.e.c.	6	3	2,193.5	5.9655	97
2911	Petroleum refining	4	3	2,129.4	1.1740	92
Brazos	All mfg.	34	7	220.3	.0113	49
Brewster	All mfg.	1		4.2	.0002	0
Brooks	All mfg.	2		8.4	.0004	0
Brown	All mfg.	19	7	188.9	.0097	75
Burleson	All mfg.	3	2	20.2	.0010	83
Burnet	All mfg.	12		21.1	.0011	0
Caldwell	All mfg.	8	2	43.1	.0022	42
Calhoun	All mfg.	18	4	243.7	.0125	54
Callahan	All mfg.	1		2.4	.0001	0
Cameron	All mfg.	86	30	1,229.6	.0632	72
2328	Men's & boys' work clothing	2	2	61.8	1.2756	100
3533	Oil-field machinery	2	2	163.4	2.0112	100
8062	General medical & surgical hospitals	5	5	80.4	.0556	100
Camp	All mfg.	9	1	87.5	.0045	75
Carson	All mfg.	2		71.7	.0037	0
Cass	All mfg.	8	3	58.8	.0030	63
Castro	All mfg.	2	1	45.1	.0023	65
Chambers	All mfg.	5	1	439.9	.0226	63
Cherokee	All mfg.	41	6	212.8	.0109	39
8062	General medical & surgical hospitals	3	3	84.5	.0585	100
Childress	All mfg.	2	1	28.6	.0015	92
Clay	All mfg.	4	1	31.0	.0016	59
Coleman	All mfg.	5		11.9	.0006	0
Collin	All mfg.	60	20	421.0	.0216	58
Collingsworth	All mfg.	1		6.0	.0003	0
Colorado	All mfg.	13	4	73.9	.0038	68
Comal	All mfg.	30	10	196.7	.0101	66
Comanche	All mfg.	9	3	63.0	.0032	69
Cooke	All mfg.	24	6	201.9	.0104	65
Coryell	All mfg.	5		13.7	.0007	0
Crane	All mfg.	4		11.8	.0006	0
Crockett	All mfg.	1		3.2	.0002	0
Crosby	All mfg.	2		4.3	.0002	0
Culberson	All mfg.	1		1.1	.0001	0
Dallam	All mfg.	1		4.9	.0003	0
Dallas	All mfg.	1,272	335	13,579.0	.6975	74
1311	Crude petroleum & natural gas	111	6	2,081.1	5.1800	25
1381	Oil- & gas-well drilling services	24	3	220.4	4.0529	68
1382	Oil- & gas-field exploration services	59	4	61.2	7.2093	29
1611	Highway & street construction	8	5	137.2	.8614	90
1623	Pipe- & utility-line construction	18	4	72.0	1.2525	53
1629	Heavy construction n.e.c.	16	8	154.6	.6530	77
2013	Sausages & other prepared meats	11	3	148.2	1.3939	65
2051	Bread, cake, & related products	10	4	102.5	.8200	82
2086	Bottled & canned soft drinks	9	3	161.8	.9440	75
2099	Food preparations n.e.c.	14	4	155.3	1.6984	65
2335	Women's & misses' dresses	33	18	238.4	5.7192	87
2641	Paper coating & glazing	11	2	141.8	2.5071	66
2653	Corrugated & solid fiber boxes	19	8	171.6	1.6603	63
2711	Newspapers	11	4	227.8	1.0679	89
2731	Book publishing	5	2	116.0	1.5277	92
2751	Letterpress commercial printing	43	7	78.0	1.6353	49
2752	Lithographic commercial printing	15	4	131.5	.8903	55
2841	Soap & other detergents	10	1	306.9	3.4152	62
2844	Toilet preparations	8	4	155.1	1.7697	83
2851	Paints & allied products	20	4	182.6	2.0453	56
3079	Miscellaneous plastics products	56	11	327.1	1.0942	56
3441	Fabricated structural metal	10	2	63.3	.7707	64
3443	Fabricated plate work (boiler shops)	16	6	136.8	1.4332	71
3444	Sheet-metal work	38	1	86.8	1.5118	8
3532	Mining machinery	7	3	68.0	3.7917	86
3533	Oil-field machinery	9	7	492.7	5.8843	98
3559	Special industry machinery n.e.c.	9	2	65.8	1.5211	79
3573	Electronic computing equipment	32	12	712.0	1.8095	84
3585	Refrigeration & heating equipment	9	3	336.8	2.7069	92
3599	Machinery, except electrical n.e.c.	19	2	55.4	.6232	34
3661	Telephone & telegraph apparatus	9	5	337.3	2.1087	93
3662	Radio & TV communication equipment	29	10	718.8	2.2000	88
3674	Semiconductors & related devices	12	7	833.6	6.2012	98
3679	Electronic components n.e.c.	15	2	108.5	.8774	76
3691	Storage batteries	7	6	123.3	4.3515	97
3714	Motor vehicle parts & accessories	10	7	172.7	.4064	92
3721	Aircraft	5	3	1,230.2	3.8408	99
3728	Aircraft equipment n.e.c.	5	4	79.1	.8362	97
4911	Electric services	[illegible]	11	2,464.0	4.3641	98
4923	Gas transmission & distribution	8	7	352.8	3.1530	96

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab
5063	*Electrical-power-equipment wholesalers*	*35*	*3*	*534.4*	*1.4916*	*27*
5065	*Electronic-parts wholesalers*	*32*	*3*	*628.5*	*3.5085*	*44*
5084	*Industrial-machinery distributors*	*61*	*2*	*513.8*	*1.3573*	*18*
5085	*Industrial-supply distributors*	*56*	*1*	*486.3*	*1.4514*	*11*
6025	*National banks, federal reserve system*	*34*	*5*	*1,064.0*	*.9941*	*89*
7011	*Hotels, motels, & tourist courts*	*71*	*17*	*335.4*	*1.9237*	*71*
7372	*Computer programming & software*	*18*	*7*	*416.0*	*4.4131*	*94*
7374	*Data-processing services*	*21*	*6*	*337.1*	*5.2175*	*87*
8062	*General medical & surgical hospitals*	*37*	*29*	*941.3*	*.6514*	*97*
Dawson	**All mfg.**	**4**	**1**	**26.8**	**.0014**	**41**
Deaf Smith	**All mfg.**	**13**	**1**	**178.8**	**.0092**	**38**
Delta	**All mfg.**	**1**		**2.1**	**.0001**	**0**
Denton	**All mfg.**	**47**	**16**	**478.9**	**.0246**	**75**
3662	Radio & TV communication equipment	2	1	117.8	.3605	93
8221	*Colleges & universities n.e.c.*	*2*	*2*	*51.9*	*.2523*	*100*
De Witt	**All mfg.**	**7**	**2**	**48.6**	**.0025**	**43**
Dickens	**All mfg.**	**2**		**4.3**	**.0002**	**0**
Dimmit	**All mfg.**	**2**		**153.6**	**.0079**	**0**
Donley	**All mfg.**	**1**		**1.2**	**.0001**	**0**
Eastland	**All mfg.**	**18**	**3**	**112.7**	**.0058**	**68**
Ector	**All mfg.**	**102**	**15**	**813.4**	**.0418**	**61**
3443	Fabricated plate work (boiler shops)	14	3	85.6	.8968	55
3533	Oil-field machinery	15	4	158.3	1.8906	58
Edwards	**All mfg.**	**1**		**3.5**	**.0002**	**0**
Ellis	**All mfg.**	**59**	**18**	**492.8**	**.0253**	**69**
El Paso	**All mfg.**	**202**	**92**	**3,921.1**	**.2014**	**91**
2321	Men's & boys' shirts & nightwear	5	5	66.9	1.7285	100
2327	Men's & boys' separate trousers	12	10	152.8	6.7485	98
2328	Men's & boys' work clothing	12	10	343.6	7.0920	98
3143	Men's nonathletic footwear	6	4	49.8	2.4130	92
3331	Primary copper	2	2	367.5	7.0280	100
4922	*Natural-gas transmission*	*2*	*1*	*964.8*	*7.1217*	*99*
8062	*General medical & surgical hospitals*	*17*	*10*	*333.4*	*.2307*	*95*
Erath	**All mfg.**	**10**	**5**	**123.9**	**.0064**	**78**
Falls	**All mfg.**	**6**	**1**	**32.5**	**.0017**	**59**
Fannin	**All mfg.**	**12**	**6**	**215.4**	**.0111**	**92**
Fayette	**All mfg.**	**13**	**3**	**85.6**	**.0044**	**44**
Fisher	**All mfg.**	**1**	**1**	**16.9**	**.0009**	**100**
Floyd	**All mfg.**	**2**		**12.5**	**.0006**	**0**
Foard	**All mfg.**	**1**		**1.3**	**.0001**	**0**
Fort Bend	**All mfg.**	**49**	**18**	**1,082.8**	**.0556**	**88**
3494	Valves & pipe fittings	4	2	84.0	.9671	89
3573	Electronic computing equipment	2	1	430.2	1.0933	98
Franklin	**All mfg.**	**1**		**3.3**	**.0002**	**0**
Freestone	**All mfg.**	**3**		**6.4**	**.0003**	**0**
Frio	**All mfg.**	**1**		**2.6**	**.0001**	**0**
Gaines	**All mfg.**	**2**		**9.6**	**.0005**	**0**
Galveston	**All mfg.**	**57**	**20**	**7,768.4**	**.3990**	**94**
2821	Plastics materials & synthetic resins	2	2	417.0	2.3836	100
2869	Industrial organic chemicals n.e.c.	3	3	1,035.1	2.8151	100
2911	Petroleum refining	5	3	5,707.7	3.1468	95
3731	Ship building & repairing	4	3	99.4	1.1200	98
8062	*General medical & surgical hospitals*	*5*	*5*	*224.1*	*.1551*	*100*
Gillespie	**All mfg.**	**7**	**1**	**42.6**	**.0022**	**62**
Gonzales	**All mfg.**	**9**	**4**	**155.9**	**.0080**	**37**
Gray	**All mfg.**	**12**	**4**	**359.5**	**.0185**	**90**
Grayson	**All mfg.**	**65**	**28**	**1,078.3**	**.0554**	**84**
3674	Semiconductors & related devices	1	1	212.1	1.5778	100
3842	Surgical appliances & supplies	1	1	69.6	1.5621	100
8062	*General medical & surgical hospitals*	*3*	*3*	*56.3*	*.0390*	*100*
Gregg	**All mfg.**	**106**	**29**	**1,230.4**	**.0632**	**78**
2869	Industrial organic chemicals n.e.c.	1	1	338.4	.9203	100
3532	Mining machinery	1	1	40.6	2.2639	100
Grimes	**All mfg.**	**11**	**4**	**82.0**	**.0042**	**69**
Guadalupe	**All mfg.**	**19**	**5**	**215.7**	**.0111**	**83**
3651	Radio & TV receiving sets	1	1	93.1	1.3684	100
Hale	**All mfg.**	**20**	**3**	**351.9**	**.0181**	**70**
Hall	**All mfg.**	**1**		**4.7**	**.0002**	**0**
Hamilton	**All mfg.**	**3**		**9.4**	**.0005**	**0**
Hardeman	**All mfg.**	**2**	**1**	**17.9**	**.0009**	**94**
Hardin	**All mfg.**	**10**	**4**	**558.3**	**.0287**	**70**
2421	General sawmills & planing mills	5	2	87.2	.7088	84
2631	Paperboard mills	1	1	275.8	2.4946	100
Harris	**All mfg.**	**1,576**	**423**	**30,228.9**	**1.5527**	**85**
1311	*Crude petroleum & natural gas*	*205*	*15*	*4,945.9*	*12.3108*	*37*
1381	*Oil & gas well drilling services*	*68*	*18*	*1,036.1*	*19.0526*	*80*
1382	*Oil & gas field exploration services*	*156*	*8*	*175.2*	*20.6385*	*26*
1611	*Highway & street construction*	*21*	*8*	*298.9*	*1.8766*	*89*
1622	*Bridge & tunnel construction*	*7*	*3*	*524.0*	*10.1487*	*98*
1623	*Pipe & utility line construction*	*55*	*13*	*397.7*	*6.9182*	*74*
1629	*Heavy construction n.e.c.*	*74*	*34*	*4,579.8*	*19.3436*	*97*
2044	Rice milling	5	5	563.4	23.5979	100
2051	Bread, cake, & related products	12	6	[illegible]	1.1368	84
2095	Roasted coffee	4	4	535.5	9.3979	100
2611	Pulp mills	1	1	146.4	4.5955	100
2621	Paper mills, except building paper	2	2	306.2	1.6679	100
2653	Corrugated & solid fiber boxes	11	5	117.1	1.1330	71
2711	Newspapers	6	3	191.5	.8978	93
2751	Letterpress commercial printing	34	10	81.9	1.7171	70
2752	Lithographic commercial printing	18	2	123.2	.8341	37
2812	Alkalies & chlorine	6	5	209.3	14.5236	99
2813	Industrial gases	17	1	74.1	6.8069	53
2819	Industrial inorganic chemicals n.e.c.	18	6	237.4	2.0276	79
2821	Plastics materials & synthetic resins	22	15	1,209.0	6.9107	94
2822	Synthetic rubber	4	3	311.3	10.0627	98
2851	Paints & allied products	21	2	174.4	1.9535	29
2865	Cyclic crudes & intermediates	11	4	467.6	6.1142	81
2869	Industrial organic chemicals n.e.c.	29	10	1,940.2	5.2766	83
2899	Chemical preparations n.e.c.	21	3	179.3	3.1810	50
2911	Petroleum refining	8	5	11,133.7	6.1382	98
3079	Miscellaneous plastics products	66	11	321.3	1.0748	50
3273	Ready-mixed concrete	24	1	84.7	1.3966	9
3293	Gaskets, packing, & sealing devices	15	3	67.4	3.9358	56
3312	Blast furnaces & steel mills	5	3	604.7	1.6065	99
3317	Steel pipe & tubes	16	8	183.7	5.5999	91
3411	Metal cans	5	4	220.2	2.2504	97
3441	Fabricated structural metal	30	8	204.9	2.4948	69
3443	Fabricated plate work (boiler shops)	58	21	499.8	5.2362	75
3444	Sheet-metal work	31	5	109.8	1.9124	43
3448	Prefabricated metal buildings	19	10	250.1	10.9314	89
3449	Miscellaneous metal work	16	5	108.4	5.1856	66
3452	Bolts, nuts, rivets, & washers	16	4	97.2	2.3463	60
3462	Iron & steel forgings	6	3	98.9	2.6978	86
3463	Nonferrous forgings	1	1	217.7	19.4758	100
3479	Metal coating & allied services n.e.c.	19	5	164.2	7.7486	77
3494	Valves & pipe fittings	68	20	726.2	8.3611	74
3498	Fabricated pipe & fittings	22	7	231.8	8.6856	74
3519	Internal-combustion engines n.e.c.	6	2	120.9	1.3455	84
3533	Oil-field machinery	85	38	2,119.7	25.3156	87
3561	Pumps & pumping equipment	19	3	99.8	1.8873	44
3564	Blowers & exhaust & ventilation fans	11	3	45.5	2.8606	64
3573	Electronic computing equipment	11	5	254.9	.6478	89
3599	Machinery, except electrical, n.e.c.	43	5	138.8	1.5614	39
3662	Radio & TV communication equipment	9	3	123.0	.3765	80
3674	Semiconductors & related devices	1	1	212.1	1.5778	100
3731	Ship building & repairing	11	5	130.6	1.4716	88
3811	Engineering & scientific instruments	9	3	55.1	2.0524	81
3823	Industrial process-control instruments	22	4	87.2	2.5575	52
4911	*Electric services*	*1*	*1*	*1,361.9*	*2.2463*	*100*
4922	*Natural-gas transmission*	*73*	*17*	*3,049.2*	*22.5076*	*82*
5051	*Metals service centers & sales offices*	*62*	*10*	*2,403.3*	*4.3849*	*44*
5063	*Electrical-power-equipment wholesalers*	*30*	*1*	*400.1*	*1.1167*	*11*
5081	*Commercial-equipment wholesalers*	*25*	*2*	*162.2*	*1.2996*	*30*
5084	*Industrial-machinery distributors*	*128*	*10*	*1,791.1*	*4.7316*	*45*
5085	*Industrial-supply distributors*	*94*	*1*	*812.2*	*2.4241*	*13*
6025	*National banks, federal reserve system*	*37*	*7*	*1,313.0*	*1.2267*	*91*
7011	*Hotels, motels, & tourist courts*	*63*	*10*	*233.8*	*1.3410*	*55*
7372	*Computer programming & software*	*27*	*5*	*114.8*	*1.2179*	*53*
7374	*Data-processing services*	*26*	*3*	*114.9*	*1.7784*	*57*
8062	*General medical & surgical hospitals*	*51*	*45*	*1,549.9*	*1.0725*	*99*
8221	*Colleges & universities n.e.c.*	*7*	*4*	*102.7*	*.4993*	*92*
Harrison	**All mfg.**	**38**	**10**	**329.9**	**.0169**	**64**
Hays	**All mfg.**	**15**	**2**	**99.9**	**.0051**	**37**
Hemphill	**All mfg.**	**1**		**4.4**	**.0002**	**0**
Henderson	**All mfg.**	**13**	**4**	**52.9**	**.0027**	**69**
Hidalgo	**All mfg.**	**67**	**22**	**658.4**	**.0338**	**69**
2033	Canned fruits & vegetables	6	6	120.0	1.3112	100
2327	Men's & boys' separate trousers	2	2	42.8	1.8903	100
8062	*General medical & surgical hospitals*	*4*	*3*	*59.6*	*.0412*	*94*
Hill	**All mfg.**	**14**	**4**	**105.7**	**.0054**	**71**
Hockley	**All mfg.**	**4**		**22.6**	**.0012**	**0**
Hood	**All mfg.**	**3**		**21.2**	**.0011**	**0**
Hopkins	**All mfg.**	**18**	**5**	**216.6**	**.0111**	**54**
Houston	**All mfg.**	**21**	**9**	**189.4**	**.0097**	**68**
Howard	**All mfg.**	**26**	**6**	**1,117.4**	**.0574**	**93**
8062	*General medical & surgical hospitals*	*6*	*4*	*76.7*	*.0531*	*93*
Hunt	**All mfg.**	**32**	**16**	**653.4**	**.0336**	**91**
2341	Women's & children's underwear	3	3	75.5	2.8548	100
3721	Aircraft	2	2	260.1	.8121	100
Hutchinson	**All mfg.**	**15**	**3**	**696.0**	**.0357**	**90**
Jack	**All mfg.**	**4**		**8.1**	**.0004**	**0**
Jasper	**All mfg.**	**11**	**5**	**136.8**	**.0070**	**88**
Jefferson	**All mfg.**	**108**	**47**	**21,194.6**	**1.0886**	**99**
2822	Synthetic rubber	3	3	198.7	6.4229	100
2869	Industrial organic chemicals n.e.c.	10	7	[illegible]	3.8124	97
2911	Petroleum refining	6	6	18,607.7	10.2588	100
3731	Ship building & repairing	2	2	120.8	1.3612	100
4911	*Electric services*	*3*	*3*	*393.5*	*.6523*	*100*
8062	*General medical & surgical hospitals*	[illegible]	[illegible]	*182.9*	*.1266*	*100*
Jim Wells	**All mfg.**	**8**	**1**	**32.9**	**.0017**	**12**
Johnson	**All mfg.**	**43**	**12**	**299.7**	**.0154**	**67**
Jones	**All mfg.**	**5**	**3**	**41.5**	**.0021**	**37**
Karnes	**All mfg.**	**6**	**1**	**43.0**	**.0022**	**42**

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship/ Recpt	% In Large Estab
TEXAS (cont.)						
Kaufman	**All mfg.**	**28**	**9**	**137.9**	**.0071**	**59**
8062	*General medical & surgical hospitals*	*3*	*1*	*75.2*	*.0520*	*92*
Kendall	**All mfg.**	**2**	**1**	**13.9**	**.0007**	**75**
Kerr	**All mfg.**	**12**	**5**	**96.5**	**.0050**	**84**
8062	*General medical & surgical hospitals*	*3*	*2*	*59.2*	*.0410*	*98*
Kimble	**All mfg.**	**2**	**1**	**15.2**	**.0008**	**50**
Kleberg	**All mfg.**	**4**		**11.5**	**.0006**	**0**
Lamar	**All mfg.**	**23**	**10**	**442.2**	**.0227**	**88**
Lamb	**All mfg.**	**2**	**1**	**33.0**	**.0017**	**83**
Lampasas	**All mfg.**	**4**		**20.3**	**.0010**	**0**
Lavaca	**All mfg.**	**24**	**7**	**179.2**	**.0092**	**36**
Lee	**All mfg.**	**3**	**1**	**20.3**	**.0010**	**64**
Leon	**All mfg.**	**3**	**2**	**66.0**	**.0034**	**87**
Liberty	**All mfg.**	**20**	**5**	**239.2**	**.0123**	**74**
Limestone	**All mfg.**	**11**	**6**	**74.6**	**.0038**	**77**
Live Oak	**All mfg.**	**3**		**152.9**	**.0079**	**0**
Llano	**All mfg.**	**2**		**1.3**	**.0001**	**0**
Lubbock	**All mfg.**	**94**	**25**	**1,047.7**	**.0538**	**74**
3674	Semiconductors & related devices	1	1	106.1	.7893	100
8062	*General medical & surgical hospitals*	*7*	*6*	*121.8*	*.0843*	*98*
8221	*Colleges & universities n.e.c.*	*2*	*1*	*56.8*	*.2761*	*96*
McCulloch	**All mfg.**	**7**	**1**	**29.6**	**.0015**	**69**
McLennan	**All mfg.**	**137**	**42**	**1,349.9**	**.0693**	**78**
3011	Tires & inner tubes	1	1	183.4	1.7466	100
3221	Glass containers	1	1	116.0	2.3579	100
8062	*General medical & surgical hospitals*	*4*	*3*	*142.2*	*.0984*	*98*
McMullen	**All mfg.**	**1**		**3.5**	**.0002**	**0**
Madison	**All mfg.**	**3**	**1**	**24.8**	**.0013**	**74**
Marion	**All mfg.**	**4**		**13.7**	**.0007**	**0**
Martin	**All mfg.**	**1**		**4.2**	**.0002**	**0**
Matagorda	**All mfg.**	**6**	**3**	**190.8**	**.0098**	**97**
Maverick	**All mfg.**	**7**	**3**	**108.5**	**.0056**	**59**
2328	Men's & boys' work clothing	3	3	64.2	1.3251	100
Medina	**All mfg.**	**4**	**2**	**65.9**	**.0034**	**83**
Midland	**All mfg.**	**31**	**7**	**273.5**	**.0140**	**70**
1311	*Crude petroleum & natural gas*	*136*	*2*	*1,850.5*	*4.6061*	*8*
1381	*Oil- & gas-well drilling services*	*29*	*5*	*201.6*	*3.7072*	*53*
1382	*Oil- & gas-field exploration services*	*45*	*2*	*42.7*	*5.0300*	*30*
3674	Semiconductors & related devices	1	1	106.1	.7893	100
Milam	**All mfg.**	**9**	**3**	**314.7**	**.0162**	**91**
3334	Primary aluminum	1	1	269.6	4.2086	100
Mills	**All mfg.**	**2**		**3.9**	**.0002**	**0**
Montague	**All mfg.**	**15**	**5**	**57.1**	**.0029**	**59**
Montgomery	**All mfg.**	**36**	**8**	**290.8**	**.0149**	**56**
Moore	**All mfg.**	**11**	**3**	**698.4**	**.0359**	**92**
Morris	**All mfg.**	**15**	**3**	**598.1**	**.0307**	**93**
3312	Blast furnaces & steel mills	1	1	531.9	1.4131	100
Nacogdoches	**All mfg**	**24**	**10**	**261.5**	**.0134**	**77**
Navarro	**All mfg.**	**29**	**10**	**262.6**	**.0135**	**64**
Newton	**All mfg.**	**4**	**1**	**97.8**	**.0050**	**88**
Nolan	**All mfg.**	**11**	**5**	**94.0**	**.0048**	**82**
Nueces	**All mfg.**	**94**	**26**	**4,364.8**	**.2242**	**90**
2911	Petroleum refining	7	5	3,470.5	1.9134	95
4911	*Electric services*	*2*	*1*	*229.0*	*.3777*	*99*
8062	*General medical & surgical hospitals*	*9*	*7*	*205.0*	*.1419*	*98*
Ochiltree	**All mfg.**	**3**	**1**	**42.6**	**.0022**	**66**
Orange	**All mfg.**	**34**	**11**	**1,314.5**	**.0675**	**88**
2821	Plastics materials & synthetic resins	4	2	639.2	3.6537	96
2822	Synthetic rubber	3	2	183.5	5.9316	97
3317	Steel pipe & tubes	1	1	86.4	2.6338	100
3731	Ship building & repairing	3	1	130.4	1.4693	94
Palo Pinto	**All mfg.**	**23**	**9**	**122.6**	**.0063**	**68**
Panola	**All mfg.**	**8**	**4**	**59.0**	**.0030**	**76**
Parker	**All mfg.**	**16**	**2**	**66.6**	**.0034**	**37**
Parmer	**All mfg.**	**2**	**1**	**413.3**	**.0212**	**99**
2011	Meat packing plants	1	1	410.1	.9288	100
Pecos	**All mfg.**	**2**		**5.1**	**.0003**	**0**
Polk	**All mfg.**	**6**	**5**	**100.5**	**.0052**	**94**
Potter	**All mfg.**	**81**	**17**	**1,609.3**	**.0827**	**87**
2011	Meat packing plants	3	1	678.1	1.5357	93
3483	Ammunition, except small arms, n.e.c.	2	1	48.9	3.8770	98
4911	*Electric services*	*1*	*1*	*337.9*	*.5573*	*100*
8062	*General medical & surgical hospitals*	*5*	*5*	*132.7*	*.0918*	*100*
Rains	**All mfg.**	**4**		**13.3**	**.0007**	**0**
Randall	**All mfg.**	**9**	**1**	**63.5**	**.0033**	**42**
Red River	**All mfg**	**14**	**5**	**75.2**	**.0039**	**72**
Reeves	**All mfg.**	**2**		**14.5**	**.0007**	**0**
Robertson	**All mfg.**	**7**	**1**	**81.6**	**.0042**	**12**
Rockwall	**All mfg.**	**6**	**1**	**72.5**	**.0037**	**77**
Runnels	**All mfg.**	**10**	**2**	**86.6**	**.0044**	**27**
Rusk	**All mfg.**	**23**	**3**	**166.2**	**.0085**	**26**
Sabine	**All mfg.**	**1**	**1**	**21.5**	**.0011**	**100**
San Augustine	**All mfg.**	**2**		**7.7**	**.0004**	**0**
San Jacinto	**All mfg.**	**1**		**1.7**	**.0001**	**0**
San Patricio	**All mfg.**	**23**	**6**	**561.0**	**.0288**	**27**
San Saba	**All mfg.**	**2**		**4.8**	**.0002**	**0**
Scurry	**All mfg.**	**6**	**1**	**20.3**	**.0010**	**22**
Shackelford	**All mfg.**	**3**		**9.6**	**.0005**	**0**
Shelby	**All mfg.**	**12**	**4**	**212.0**	**.0109**	**87**
Sherman	**All mfg.**	**2**		**7.5**	**.0004**	**0**
Smith	**All mfg.**	**68**	**18**	**1,721.2**	**.0884**	**89**
3011	Tires & inner tubes	2	2	407.7	3.8826	100
3321	Gray-iron foundries	1	1	137.7	1.7636	100
3585	Refrigeration & heating equipment	2	2	297.9	2.3942	100
8062	*General medical & surgical hospitals*	*3*	*2*	*74.1*	*.0513*	*97*
Stephens	**All mfg.**	**8**	**3**	**76.6**	**.0039**	**75**
Swisher	**All mfg.**	**7**	**1**	**33.1**	**.0017**	**20**
Tarrant	**All mfg.**	**686**	**163**	**9,710.2**	**.4988**	**78**
1311	*Crude petroleum & natural gas*	*38*	*2*	*755.0*	*1.8793*	*36*
2451	Mobile homes	10	4	159.5	3.1611	72
2711	Newspapers	7	3	121.0	.5673	86
3069	Fabricated rubber products n.e.c.	11	3	65.9	1.1556	72
3079	Miscellaneous plastics products	36	7	191.4	.6403	46
3325	Steel foundries n.e.c.	1	1	97.4	3.4343	100
3441	Fabricated structural metal	14	5	73.7	.8973	60
3443	Fabricated plate work (boiler shops)	15	3	85.9	.8999	52
3444	Sheet-metal work	21	4	68.9	1.2000	40
3483	Ammunition, except small-arms, n.e.c.	1	1	54.0	4.2813	100
3573	Electronic computing equipment	8	5	190.4	.4839	92
3585	Refrigeration & heating equipment	21	7	292.1	2.3476	79
3662	Radio & TV communication equipment	6	2	198.5	.6075	90
3679	Electronic components n.e.c.	8	3	53.1	.4294	82
3711	Motor vehicles & passenger-car bodies	3	1	1,434.5	1.4129	98
3714	Motor-vehicle parts & accessories	8	1	129.6	.3049	66
3721	Aircraft	4	3	2,774.8	8.6632	100
3728	Aircraft equipment n.e.c.	7	5	115.3	1.2189	93
4011	*Line-haul-operating railroads*	*3*	*3*	*64.6*	*.4535*	*100*
4911	*Electric services*	*6*	*3*	*642.6*	*1.0599*	*97*
6025	*National banks, federal reserve system*	*18*	*3*	*330.8*	*.3091*	*80*
7011	*Hotels, motels, & tourist courts*	*22*	*3*	*50.5*	*.2896*	*45*
8062	*General medical & surgical hospitals*	*21*	*13*	*433.6*	*.3000*	*95*
Taylor	**All mfg.**	**67**	**12**	**672.4**	**.0345**	**43**
8062	*General medical & surgical hospitals*	*3*	*3*	*72.1*	*.0499*	*100*
Terry	**All mfg.**	**4**	**1**	**62.5**	**.0032**	**81**
Throckmorton	**All mfg.**	**1**		**2.5**	**.0001**	**0**
Titus	**All mfg.**	**10**	**4**	**240.1**	**.0123**	**30**
Tom Green	**All mfg.**	**35**	**12**	**404.2**	**.0208**	**66**
3842	Surgical appliances & supplies	1	1	69.6	1.5621	100
Travis	**All mfg.**	**174**	**25**	**1,710.9**	**.0879**	**69**
3573	Electronic computing equipment	5	1	314.6	.7996	96
3579	Office machines n.e.c.	1	1	284.2	5.8394	100
3662	Radio & TV communication equipment	8	3	169.1	.5176	81
3674	Semiconductors & related devices	3	2	124.6	.9269	97
6025	*National banks, federal reserve system*	*9*	*4*	*181.8*	*.1698*	*91*
8062	*General medical & surgical hospitals*	*9*	*9*	*300.1*	*.2077*	*100*
8221	*Colleges & universities n.e.c.*	*4*	*1*	*104.3*	*.5071*	*95*
Trinity	**All mfg.**	**5**	**1**	**165.4**	**.0085**	**6**
Tyler	**All mfg.**	**9**	**1**	**67.0**	**.0034**	**28**
Upshur	**All mfg.**	**4**	**2**	**25.8**	**.0013**	**64**
Uvalde	**All mfg.**	**7**	**2**	**28.0**	**.0014**	**51**
Val Verde	**All mfg.**	**6**	**2**	**99.9**	**.0051**	**88**
Van Zandt	**All mfg.**	**10**	**4**	**64.6**	**.0033**	**71**
Victoria	**All mfg.**	**18**	**6**	**382.1**	**.0196**	**88**
2821	Plastics materials & synthetic resins	1	1	229.4	1.3113	100
Walker	**All mfg.**	**13**	**1**	**68.0**	**.0035**	**37**
Waller	**All mfg.**	**4**	**2**	**40.4**	**.0021**	**62**
Ward	**All mfg.**	**2**		**8.3**	**.0004**	**0**
Washington	**All mfg.**	**22**	**5**	**100.0**	**.0051**	**55**
Webb	**All mfg.**	**25**	**6**	**190.6**	**.0098**	**56**
Wharton	**All mfg.**	**12**	**4**	**94.6**	**.0049**	**52**
Wheeler	**All mfg.**	**1**		**18.9**	**.0010**	**0**
Wichita	**All mfg.**	**80**	**30**	**921.6**	**.0473**	**78**
1311	*Crude petroleum & natural gas*	*[illegible]*	*[illegible]*	*983.2*	*2.4473*	*7*
3211	Flat glass	[illegible]	1	53.9	5.8033	100
3533	Oil-field machinery	[illegible]	3	138.6	1.6553	64
8062	*General medical & surgical hospitals*	*[illegible]*	*4*	*149.0*	*[illegible]*	*99*
Wilbarger	**All mfg.**	**6**	**3**	**49.6**	**.0025**	**54**
Willacy	**All mfg.**	**5**	**2**	**34.2**	**.0018**	**54**

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Williamson	All mfg.	42	7	208.9	.0107	48
Wilson	All mfg.	3	1	11.0	.0006	32
Winkler	All mfg.	1		1.4	.0001	0
Wise	All mfg.	15	1	38.4	.0020	17
Wood	All mfg.	11	3	135.7	.0070	24
Yoakum	All mfg.	2		9.1	.0005	0
Young	All mfg.	9	3	66.6	.0034	59
Zavala	All mfg.	1	1	63.6	.0033	100
STATE TOTAL	All mfg.	7,607	2,110	139,626.2	7.1718	82

UTAH

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Beaver	All mfg.	1		1.5	.0001	0
Box Elder	All mfg.	14	6	442.7	.0227	94
3764	Space-propulsion units & parts	1	1	330.2	16.1293	100
Cache	All mfg.	38	14	844.4	.0434	85
2022	Natural & processed cheese	5	4	400.0	4.1396	94
Carbon	All mfg.	5	2	13.2	.0007	70
1211	*Bituminous-coal & lignite mining*	*8*	[illegible]	*120.3*	*.6547*	*79*
Davis	All mfg.	57	14	1,090.6	.0560	39
Duchesne	All mfg.	2		5.2	.0003	0
Emery	All mfg.	1		3.6	.0002	0
Garfield	All mfg.	1	1	16.2	.0008	100
Grand	All mfg.	2	1	12.6	.0006	87
Iron	All mfg.	7	1	36.8	.0019	12
Juab	All mfg.	4	2	30.5	.0016	91
Kane	All mfg.	1		3.7	.0002	0
Millard	All mfg.	6		26.1	.0013	0
Morgan	All mfg.	5	1	30.8	.0016	72
Piute	All mfg.	1	1	10.3	.0005	100
Rich	All mfg.	1		6.3	.0003	0
Salt Lake	All mfg.	460	101	5,670.7	.2913	77
1021	*Copper-ore mining*	*3*	*3*	*210.3*	*9.2664*	*100*
2331	Women's & misses' blouses	2	2	60.4	2.0275	100
2341	Women's & children's underwear	4	3	33.5	1.2667	96
2711	Newspapers	6	3	86.8	.4069	89
3331	Primary copper	1	1	518.7	9.9195	100
3441	Fabricated structural metal	25	4	112.4	1.3685	45
3573	Electronic computing equipment	9	3	480.4	1.2209	93
3662	Radio & TV communication equipment	7	3	140.9	.4312	89
3679	Electronic components n.e.c.	10	3	70.0	.5661	81
3764	Space-propulsion units & parts	1	1	385.2	18.8159	100
3841	Surgical & medical instruments	5	3	180.8	5.9585	96
4911	*Electric services*	*1*	*1*	*433.9*	*.7157*	*100*
4922	*Natural-gas transmission*	*3*	*1*	*279.6*	*2.0639*	*91*
6025	*National banks, federal reserve system*	*3*	*3*	*386.0*	*.3606*	*100*
7011	*Hotels, motels, & tourist courts*	*20*	*6*	*252.6*	*1.4488*	*89*
8062	*General medical & surgical hospitals*	*9*	*7*	*296.2*	*.2050*	*98*
8221	*Colleges & universities n.e.c.*	*3*	*1*	*173.5*	*.8435*	*98*
San Juan	All mfg.	7	1	34.1	.0018	15
Sanpete	All mfg.	10	2	60.0	.0031	58
Sevier	All mfg.	8	1	97.6	.0050	17
Summit	All mfg.	6		19.0	.0010	0
Tooele	All mfg.	11		37.8	.0019	0
Uintah	All mfg.	2		5.2	.0003	0
Utah	All mfg.	99	25	1,254.7	.0644	76
3312	Blast furnaces & steel mills	1	1	664.9	1.7665	100
8062	*General medical & surgical hospitals*	*4*	*4*	*97.9*	*.0677*	*100*
8221	*Colleges & universities n.e.c.*	*2*	*1*	*166.4*	*.8090*	*99*
Wasatch	All mfg.	3		12.6	.0006	0
Washington	All mfg.	8	2	43.1	.0022	58
Weber	All mfg.	75	29	814.3	.0418	72
8062	*General medical & surgical hospitals*	*3*	*3*	*88.0*	*.0609*	*100*
STATE TOTAL	All mfg.	835	204	10,623.6	.5457	72

VERMONT

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Addison	All mfg.	19	9	203.3	.0104	80
Bennington	All mfg.	44	16	331.7	.0170	72
Caledonia	All mfg.	25	6	146.5	.0075	56
Chittenden	All mfg.	69	22	855.1	.0439	77
3484	Small arms	1	1	139.0	11.7927	100
3679	Electronic components n.e.c.	4	2	210.4	1.7015	98
8062	*General medical & surgical hospitals*	*2*	*2*	*104.1*	*.0720*	*100*
Essex	All mfg.	4	3	60.1	.0031	99
Franklin	All mfg.	32	10	336.3	.0173	71
Grand Isle	All mfg.	2	1	7.5	.0004	91
Lamoille	All mfg.	14	1	31.1	.0016	30
Orange	All mfg.	17	5	103.0	.0053	52
Orleans	All mfg.	17	4	128.0	.0066	47
Rutland	All mfg.	44	11	447.4	.0230	80
3724	Aircraft engines & engine parts	2	1	244.3	1.6093	96

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Washington	All mfg.	57	8	147.9	.0076	44
3281	Cut stone & stone products	28	4	28.9	8.6294	47
8062	*General medical & surgical hospitals*	*2*	*2*	*54.6*	*.0378*	*100*
Windham	All mfg.	45	14	424.6	.0218	76
Windsor	All mfg.	45	14	336.8	.0173	75
3541	Metal-cutting machine tools	4	4	153.4	4.1404	100
STATE TOTAL	All mfg.	434	124	3,559.3	.1828	72

VIRGINIA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil.)	% Of U.S. Ship./ Recpt.	% In Large Estab.
Accomack	All mfg.	18	6	252.0	.0129	80
2016	Poultry-dressing plants	2	2	158.1	1.7177	100
Albemarle	All mfg.	14	5	324.8	.0167	92
2037	Frozen fruits & vegetables	1	1	88.0	1.7951	100
2522	Metal office furniture	1	1	135.6	4.1533	100
Alexandria city	All mfg.	47	8	342.4	.0176	70
2731	Book publishing	1	1	110.4	1.4539	100
8062	*General medical & surgical hospitals*	*3*	*3*	*85.5*	*.0592*	*100*
Alleghany	All mfg.	1	1	28.5	.0015	100
Amelia	All mfg.	6	1	19.5	.0010	36
Amherst	All mfg.	13	2	68.1	.0035	69
Appomattox	All mfg.	6	2	49.4	.0025	78
Arlington	All mfg.	27	5	144.3	.0074	57
7011	*Hotels, motels, & tourist courts*	*13*	*3*	*45.2*	*.2593*	*41*
7372	*Computer programming & software*	*6*	*4*	*85.3*	*.9049*	*90*
8062	*General medical & surgical hospitals*	*3*	*3*	*102.7*	*.0711*	*100*
Augusta	All mfg.	16	7	174.4	.0090	83
Bath	All mfg.	2		3.4	.0002	0
7011	*Hotels, motels, & tourist courts*	*3*	*2*	*39.1*	*.2243*	*98*
Bedford	All mfg.	6	2	94.9	.0049	67
Bedford city	All mfg.	14	5	191.3	.0098	77
3069	Fabricated rubber products n.e.c.	1	1	69.9	1.2257	100
Bland	All mfg.	1	1	10.3	.0005	100
Botetourt	All mfg.	10	4	65.7	.0034	80
Bristol city	All mfg.	34	19	494.0	.0254	91
Brunswick	All mfg.	12	4	79.0	.0041	51
Buchanan	All mfg.	5		12.7	.0007	0
1211	*Bituminous-coal & lignite mining*	*31*	*8*	*817.4*	*4.4486*	*86*
Buckingham	All mfg.	4	1	12.1	.0006	73
Buena Vista city	All mfg.	10	4	78.6	.0040	61
Campbell	All mfg.	16	11	387.7	.0199	97
2492	Particleboard	1	1	76.0	12.4224	100
Caroline	All mfg.	12	1	38.0	.0020	14
Carroll	All mfg.	11	4	98.9	.0051	85
Charlotte	All mfg.	9	4	82.1	.0042	83
Charlottesville city	All mfg.	25	12	442.7	.0227	92
3662	Radio & TV communication equipment	1	1	105.8	.3238	100
8062	*General medical & surgical hospitals*	*3*	*3*	*129.1*	*.0893*	*100*
Chesapeake city	All mfg.	32	8	233.7	.0120	59
4011	*Line-haul operating railroads*	*1*	*1*	*222.6*	*1.5627*	*100*
Chesterfield	All mfg.	15	3	329.4	.0169	88
Clarke	All mfg.	3	3	65.5	.0034	100
Clifton Forge city	All mfg.	2		8.5	.0004	0
Colonial Heights city	All mfg.	10	2	60.9	.0031	50
Covington city	All mfg.	6	3	496.3	.0255	98
2631	Paperboard mills	1	1	275.8	2.4946	100
2819	Industrial inorganic chemicals n.e.c.	2	1	175.8	1.5015	98
Culpeper	All mfg.	11	6	87.7	.0045	75
Danville city	All mfg.	38	17	882.0	.0453	93
2211	Cotton-weaving mills	1	1	146.1	2.7171	100
3011	Tires & inner tubes	1	1	244.0	2.3237	100
3524	Lawn & garden equipment	1	1	47.1	3.3973	100
8062	*General medical & surgical hospitals*	*1*	*1*	*54.3*	*.0376*	*100*
Dickenson	All mfg.	1	1	11.6	.0006	100
1211	*Bituminous-coal & lignite mining*	*9*	*3*	*184.7*	*1.0052*	*85*
Dinwiddie	All mfg.	41	13	930.7	.0478	89
2111	Cigarettes	1	1	644.4	4.9215	100
8062	*General medical & surgical hospitals*	*2*	*2*	*117.2*	*.0811*	*100*
Emporia city	All mfg.	[illegible]	9	119.7	.0061	82
Essex	All mfg.	5	1	26.3	.0014	[illegible]
Fairfax	All mfg.	92	29	737.8	.0379	69
7372	*Computer programming & software*	*21*	*8*	*156.7*	*1.6624*	*79*
Fairfax city	All mfg.	13	3	132.2	.0068	65
1629	*Heavy construction n.e.c.*	*1*	*1*	*113.2*	*.4781*	*100*
Falls Church city	All mfg.	12	4	149.9	.0077	81
6025	*National banks, federal reserve system*	*1*	*1*	*359.7*	*.3361*	*100*
Fauquier	All mfg.	10	1	36.1	.0019	12
Floyd	All mfg.	6	3	42.2	.0022	79
Fluvanna	All mfg.	3	1	36.0	.0018	69
Franklin	All mfg.	25	11	292.4	.0150	84
Franklin city	All mfg.	15	6	356.2	.0183	92
2492	Particleboard	1	1	33.0	5.3939	100
2621	Paper mills, except building paper	1	1	191.4	.9175	100
Frederick	All mfg.	7	2	95.9	.0049	89

County SIC	Industry	Establishments Total	Establishments Large	1983 (S&MM Est.) Shipments/Receipts ($ Mil.)	% Of U.S. Ship./Recpt.	% In Large Estab.
VIRGINIA (cont.)						
Galax city	**All mfg.**	**18**	**9**	**188.4**	**.0097**	**79**
2511	Wood household furniture	3	3	67.3	1.1362	100
Giles	**All mfg.**	**9**	**3**	**146.2**	**.0075**	**87**
2823	Cellulosic man-made fibers	1	1	118.2	7.7973	100
Gloucester	**All mfg.**	**9**		**30.4**	**.0016**	**0**
Goochland	**All mfg.**	**2**		**5.4**	**.0003**	**0**
Grayson	**All mfg.**	**9**	**2**	**68.2**	**.0035**	**70**
Halifax	**All mfg.**	**5**	**3**	**31.8**	**.0016**	**84**
Hampton city	**All mfg.**	**44**	**10**	**343.0**	**.0176**	**57**
8062	*General medical & surgical hospitals*	*3*	*3*	*113.1*	*.0783*	*100*
Hanover	**All mfg.**	**31**	**2**	**121.3**	**.0062**	**24**
Harrisonburg city	**All mfg.**	**35**	**13**	**335.8**	**.0172**	**75**
Henrico	**All mfg.**	**9**	**3**	**238.1**	**.0122**	**89**
Henry	**All mfg.**	**17**	**11**	**503.0**	**.0258**	**96**
2211	Cotton-weaving mills	1	1	53.0	.9857	100
2253	Knit-outerwear mills	1	1	91.5	3.1160	100
2511	Wood household furniture	4	3	274.4	4.6328	99
Highland	**All mfg.**	**1**		**2.5**	**.0001**	**0**
Hopewell city	**All mfg.**	**13**	**8**	**1,651.1**	**.0848**	**99**
2824	Noncellulosic synthetic organic fibers	2	2	417.0	4.0826	100
2869	Industrial organic chemicals n.e.c.	2	2	913.7	2.4849	100
Isle of Wight	**All mfg.**	**6**	**3**	**676.8**	**.0348**	**98**
2011	Meat-packing plants	2	2	646.7	1.4646	100
James City	**All mfg.**	**5**	**2**	**40.6**	**.0021**	**76**
King and Queen	**All mfg.**	**3**		**19.4**	**.0010**	**0**
King George	**All mfg.**	**5**	**2**	**97.4**	**.0050**	**88**
King William	**All mfg.**	**4**	**1**	**139.7**	**.0072**	**85**
Lancaster	**All mfg.**	**19**		**76.9**	**.0039**	**0**
Lee	**All mfg.**	**6**	**2**	**35.6**	**.0018**	**49**
Lexington city	**All mfg.**	**3**		**7.9**	**.0004**	**0**
Loudoun	**All mfg.**	**20**	**3**	**89.4**	**.0046**	**28**
Louisa	**All mfg.**	**9**	**3**	**66.9**	**.0034**	**82**
Lunenburg	**All mfg.**	**16**	**7**	**104.3**	**.0054**	**73**
Lynchburg city	**All mfg.**	**81**	**31**	**1,359.3**	**.0698**	**87**
2819	Industrial inorganic chemicals n.e.c.	1	1	101.1	.8635	100
3321	Gray-iron foundries	2	2	128.3	1.6432	100
3662	Radio & TV communication equipment	1	1	423.0	1.2947	100
Madison	**All mfg.**	**5**	**1**	**24.3**	**.0012**	**56**
Martinsville city	**All mfg.**	**37**	**21**	**1,202.3**	**.0618**	**96**
2253	Knit-outerwear mills	3	3	81.2	2.7652	100
2321	Men's & boys' shirts & nightwear	1	1	65.4	1.6897	100
2492	Particleboard	1	1	46.2	7.5515	100
2511	Wood household furniture	4	4	80.5	1.3591	100
2824	Noncellulosic synthetic organic fibers	1	1	653.9	6.4019	100
Mathews	**All mfg.**	**1**		**2.1**	**.0001**	**0**
Mecklenburg	**All mfg.**	**26**	**14**	**258.8**	**.0133**	**85**
Middlesex	**All mfg.**	**6**		**22.5**	**.0012**	**0**
Montgomery	**All mfg.**	**19**	**10**	**222.6**	**.0114**	**80**
Nelson	**All mfg.**	**6**	**1**	**13.4**	**.0007**	**33**
New Kent	**All mfg.**	**5**		**24.0**	**.0012**	**0**
Newport News city	**All mfg.**	**44**	**20**	**1,971.6**	**.1013**	**96**
3731	Ship building & repairing	2	2	1,523.6	17.1677	100
8062	*General medical & surgical hospitals*	*4*	*4*	*110.6*	*.0765*	*100*
Norfolk city	**All mfg.**	**112**	**31**	**1,572.2**	**.0808**	**80**
1629	*Heavy construction n.e.c.*	*7*	*3*	*88.3*	*.3730*	*72*
2711	Newspapers	2	1	75.7	.3549	93
3711	Motor vehicles & passenger-car bodies	1	1	627.9	.6184	100
3731	Ship building & repairing	8	5	171.5	1.9324	96
4011	*Line-haul-operating railroads*	*2*	*1*	*58.3*	*.4093*	*97*
6025	*National banks, federal reserve system*	*4*	*3*	*1,019.6*	*.9526*	*100*
8062	*General medical & surgical hospitals*	*7*	*6*	*268.3*	*.1857*	*100*
Northampton	**All mfg.**	**12**	**7**	**119.0**	**.0061**	**88**
Northumberland	**All mfg.**	**13**	**1**	**113.6**	**.0058**	**48**
Norton city	**All mfg.**	**6**	**1**	**49.7**	**.0026**	**56**
Nottoway	**All mfg.**	**12**	**6**	**71.5**	**.0037**	**72**
Orange	**All mfg.**	**18**	**6**	**175.6**	**.0090**	**81**
Page	**All mfg.**	**10**	**5**	**206.4**	**.0106**	**92**
2328	Men's & boys' work clothing	2	1	87.1	1.7978	95
Patrick	**All mfg.**	**6**	**5**	**61.6**	**.0032**	**96**
Pittsylvania	**All mfg.**	**11**	**6**	**179.6**	**.0092**	**85**
Poquoson city	**All mfg.**	**1**		**3.1**	**.0002**	**0**
Portsmouth city	**All mfg.**	**40**	**14**	**591.8**	**.0304**	**76**
3651	Radio & TV receiving sets	1	1	279.1	4.1022	100
8062	*General medical & surgical hospitals*	*3*	*3*	*215.3*	*.1490*	*100*
Powhatan	**All mfg.**	**5**		**13.3**	**.0007**	**0**
Prince Edward	**All mfg.**	**8**	**4**	**57.6**	**.0030**	**86**
Prince George	**All mfg.**	**5**	**1**	**23.6**	**.0012**	**28**
Prince William	**All mfg.**	**23**	**4**	**368.5**	**.0189**	**85**
3679	Electronic components n.e.c.	1	1	98.0	.7925	100
Pulaski	**All mfg.**	**22**	**9**	**252.9**	**.0130**	**84**
2511	Wood household furniture	3	2	102.6	1.7322	98
Radford city	**All mfg.**	**15**	**7**	**434.5**	**.0223**	**93**
2892	Explosives	1	1	281.9	27.6210	100
Rappahannock	**All mfg.**	**1**	**1**	**7.8**	**.0004**	**100**
Richmond	**All mfg.**	**6**	**1**	**35.0**	**.0018**	**47**
Richmond city	**All mfg.**	**257**	**75**	**7,120.6**	**.3657**	**90**
1211	*Bituminous-coal & lignite mining*	*1*	*1*	*126.4*	*.6879*	*100*
2111	Cigarettes	1	1	3,722.9	28.4330	100
2643	Bags, except textile bags	6	3	138.8	2.2281	83
2751	Letterpress commercial printing	11	2	30.9	.6478	71
2752	Lithographic commercial printing	14	2	118.2	.8002	50
2824	Noncellulosic synthetic organic fibers	2	1	485.4	4.7522	98
2834	Pharmaceutical preparations	3	2	173.2	.9648	97
3079	Miscellaneous plastics products	6	2	135.3	.4526	88
3661	Telephone & telegraph apparatus	2	2	130.4	.8152	100
4011	*Line-haul-operating railroads*	*5*	*3*	*535.4*	*3.7587*	*100*
4931	*Electric & other services combined*	*1*	*1*	*1,424.9*	*4.2536*	*100*
5081	*Commercial-equipment wholesalers*	*14*	*2*	*160.4*	*1.2852*	*65*
6025	*National banks, federal reserve system*	*8*	*5*	*476.8*	*.4455*	*97*
7011	*Hotels, motels, & tourist courts*	*14*	*1*	*38.3*	*.2197*	*44*
8062	*General medical & surgical hospitals*	*13*	*11*	*543.8*	*.3763*	*99*
Roanoke	**All mfg.**	**5**	**3**	**106.1**	**.0054**	**89**
Roanoke city	**All mfg.**	**102**	**30**	**975.2**	**.0501**	**74**
2511	Wood household furniture	2	2	64.7	1.0924	100
4011	*Line-haul-operating railroads*	*1*	*1*	*404.5*	*2.8398*	*100*
4911	*Electric services*	*1*	*1*	*746.3*	*1.2309*	*100*
6025	*National banks, federal reserve system*	*5*	*3*	*238.6*	*.2229*	*94*
7011	*Hotels, motels, & tourist courts*	*7*	*1*	*131.7*	*.7554*	*93*
8062	*General medical & surgical hospitals*	*4*	*2*	*129.4*	*.0895*	*95*
Rockbridge	**All mfg.**	**5**	**3**	**129.8**	**.0067**	**96**
Rockingham	**All mfg.**	**20**	**12**	**451.4**	**.0232**	**95**
2016	Poultry dressing plants	3	3	163.3	1.7742	100
Russell	**All mfg.**	**5**	**2**	**30.6**	**.0016**	**73**
1211	*Bituminous-coal & lignite mining*	*10*	*3*	*534.2*	*2.9073*	*93*
Salem city	**All mfg.**	**26**	**10**	**513.2**	**.0264**	**92**
3622	Industrial controls	1	1	218.2	5.2708	100
8062	*General medical & surgical hospitals*	*2*	*2*	*108.4*	*.0750*	*100*
Scott	**All mfg.**	**6**	**4**	**56.5**	**.0029**	**77**
Shenandoah	**All mfg.**	**32**	**11**	**289.1**	**.0148**	**74**
Smyth	**All mfg.**	**29**	**17**	**310.6**	**.0160**	**92**
8062	*General medical & surgical hospitals*	*3*	*2*	*63.9*	*.0442*	*98*
Southampton	**All mfg.**	**6**	**2**	**63.1**	**.0032**	**69**
South Boston city	**All mfg.**	**13**	**8**	**213.1**	**.0109**	**89**
Spotsylvania	**All mfg.**	**33**	**10**	**221.1**	**.0114**	**68**
Stafford	**All mfg.**	**3**		**7.4**	**.0004**	**0**
Staunton city	**All mfg.**	**10**		**35.6**	**.0018**	**0**
8062	*General medical & surgical hospitals*	*3*	*2*	*94.9*	*.0657*	*96*
Suffolk city	**All mfg.**	**37**	**5**	**324.3**	**.0167**	**55**
2065	Confectionery products	3	2	143.5	2.2616	94
Surry	**All mfg.**	**3**		**28.8**	**.0015**	**0**
Sussex	**All mfg.**	**3**	**3**	**39.9**	**.0020**	**61**
Tazewell	**All mfg.**	**21**	**5**	**111.0**	**.0057**	**55**
1211	*Bituminous-coal & lignite mining*	*13*	*1*	*121.5*	*.6612*	*58*
Virginia Beach city	**All mfg.**	**32**	**8**	**198.8**	**.0102**	**59**
Warren	**All mfg.**	**11**	**5**	**248.9**	**.0128**	**94**
2823	Cellulosic man-made fibers	1	1	116.0	7.6522	100
Washington	**All mfg.**	**18**	**8**	**148.8**	**.0076**	**81**
Waynesboro city	**All mfg.**	**22**	**8**	**700.0**	**.0360**	**96**
2824	Noncellulosic synthetic organic fibers	2	2	474.2	4.6426	100
3613	Switchgear & switchboard apparatus	2	1	127.0	2.8771	97
Westmoreland	**All mfg.**	**16**	**3**	**106.5**	**.0055**	**54**
Williamsburg city	**All mfg.**	**7**	**3**	**263.6**	**.0135**	**93**
8062	*General medical & surgical hospitals*	*2*	*2*	*72.7*	*.0503*	*100*
Winchester city	**All mfg.**	**46**	**20**	**585.2**	**.0301**	**82**
Wise	**All mfg.**	**9**	**2**	**166.7**	**.0086**	**84**
1211	*Bituminous-coal & lignite mining*	*25*	*7*	*267.6*	*1.4564*	*66*
3312	Blast furnaces & steel mills	1	1	133.0	.3533	100
Wythe	**All mfg.**	**17**	**8**	**112.9**	**.0058**	**83**
York	**All mfg.**	**5**	**1**	**507.7**	**.0261**	**98**
STATE TOTAL	**All mfg.**	**2,340**	**795**	**37,150.6**	**1.9082**	**85**
WASHINGTON						
Adams	**All mfg.**	**3**	**1**	**70.1**	**.0036**	**94**
Asotin	**All mfg.**	**2**		**10.3**	**.0005**	**0**
Benton	**All mfg.**	**23**	**9**	**243.9**	**.0125**	**78**
4912	*Nuclear power*	*3*	*2*	*371.1*	*2.7252*	*98*

DEFINITIONS: **SIC Industry**: Classification by primary product or service. **Total Establishments**: Those with 20 or more employees. **Large Establishments**: Those with 100 or more employees. **Shipments/Receipts**: Total dollar value of goods produced or distributed, or services rendered. **% Of U.S. Ship./Recpt.**: Boldface refers to county's share of total U.S. manufacturing shipments; lightface to the SIC industry in the county and its share of that industry's total U.S. shipments/receipts. **% In Large Establishments**: Share of shipments/receipts accounted for by establishments with 100 or more employees. **All Mfg.**: Total for all manufacturing establishments with 20 or more employees. Nonmanufacturing totals do not appear due to nonavailability. **N.E.C.**: Not Elsewhere Classified.

1983 (S&MM Est.)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab
Chelan	**All mfg.**	**31**	**9**	**383.1**	**.0197**	**77**
3334	Primary aluminum	2	1	188.7	2.9457	95
Clallam	**All mfg.**	**22**	**5**	**282.1**	**.0145**	**70**
Clark	**All mfg.**	**57**	**18**	**1,415.7**	**.0727**	**89**
2621	Paper mills, except building paper	2	2	631.6	3.0278	100
3334	Primary aluminum	1	1	314.5	4.9095	100
8062	*General medical & surgical hospitals*	*4*	*3*	*77.2*	*.0534*	*99*
Columbia	**All mfg.**	**1**	**1**	**9.0**	**.0005**	**100**
Cowlitz	**All mfg.**	**42**	**15**	**1,151.7**	**.0592**	**89**
2421	General sawmills & planing mills	3	1	156.3	1.2705	91
2621	Puper mills, except building paper	2	2	238.8	1.1448	100
2631	Paperboard mills	1	1	183.9	1.6634	100
3334	Primary aluminum	1	1	179.7	2.8052	100
Douglas	**All mfg.**	**1**	**1**	**24.0**	**.0012**	**100**
Ferry	**All mfg.**	**3**		**15.9**	**.0008**	**0**
Franklin	**All mfg.**	**9**	**6**	**318.0**	**.0163**	**98**
2037	Frozen fruits & vegetables	2	2	96.8	1.9746	100
Grant	**All mfg.**	**15**	**4**	**393.7**	**.0202**	**90**
Grays Harbor	**All mfg.**	**49**	**18**	**1,060.5**	**.0545**	**92**
2411	Logging camps & contractors	5	3	541.6	9.2068	96
2611	Pulp mills	2	2	175.7	5.5153	100
Island	**All mfg.**	**4**	**1**	**17.1**	**.0009**	**46**
Jefferson	**All mfg.**	**4**	**2**	**89.0**	**.0046**	**93**
King	**All mfg.**	**765**	**164**	**11,542.2**	**.5929**	**83**
1629	*Heavy construction n.e.c.*	*25*	*3*	*120.7*	*.5098*	*40*
2026	Fluid milk	6	4	233.1	1.3628	91
2051	Bread, cake, & related products	11	7	138.2	1.1056	95
2086	Bottled & canned soft drinks	8	2	163.9	.9563	74
2091	Canned & cured seafoods	9	4	176.6	6.9028	77
2329	Men's & boys' clothing n.e.c.	7	5	28.5	1.9410	89
2711	Newspapers	16	4	217.8	1.0211	87
2751	Letterpress commercial printing	23	2	35.1	.7359	35
3273	Ready-mixed concrete	11	4	83.5	1.3768	76
3312	Blast furnaces & steel mills	2	2	214.7	.5704	100
3441	Fabricated structural metal	14	4	95.9	1.1676	73
3444	Sheet-metal work	16	2	49.3	.8586	48
3573	Electronic computing equipment	4	3	128.6	.3268	97
3599	Machinery, except electrical, n.e.c.	34	3	94.9	1.0676	35
3662	Radio & TV communication equipment	11	4	886.1	2.7121	97
3693	X-ray apparatus & tubes	6	3	213.9	6.1565	94
3713	Truck & bus bodies	5	1	45.5	1.8318	88
3721	Aircraft	5	4	3,929.1	12.2671	100
3728	Aircraft equipment n.e.c.	16	3	227.2	2.4019	79
3731	Ship building & repairing	9	5	291.9	3.2891	96
3732	Boat building & repairing	9	2	74.8	3.8361	85
3743	Railroad equipment	1	1	100.7	3.4169	100
3761	Guided missiles & space vehicles	1	1	686.8	7.4139	100
3769	Space-vehicle equipment n.e.c.	1	1	147.0	9.3654	100
4911	*Electric services*	*5*	*2*	*308.6*	*.5090*	*92*
5084	*Industrial-machinery distributors*	*38*	*2*	*348.2*	*.9198*	*26*
6025	*National banks, federal reserve system*	*8*	*4*	*1,938.6*	*1.8112*	*99*
7011	*Hotels, motels, & tourist courts*	*29*	*4*	*61.4*	*.3522*	*42*
7372	*Computer programming & software*	*11*	*3*	*69.1*	*.7330*	*59*
8062	*General medical & surgical hospitals*	*22*	*18*	*453.6*	*.3139*	*98*
8221	*Colleges & universities n.e.c.*	*8*	*3*	*101.9*	*.4954*	*95*
Kitsap	**All mfg.**	**13**	**4**	**92.8**	**.0048**	**64**
Kittitas	**All mfg.**	**9**	**4**	**123.1**	**.0063**	**75**
Klickitat	**All mfg.**	**7**	**4**	**202.0**	**.0104**	**93**
Lewis	**All mfg.**	**43**	**16**	**523.1**	**.0269**	**78**
Lincoln	**All mfg.**	**1**	**1**	**10.5**	**.0005**	**100**
Mason	**All mfg.**	**12**	**3**	**183.8**	**.0094**	**81**
2661	Building-paper & building-board mills	1	1	134.0	15.1652	100
Okanogan	**All mfg.**	**14**	**2**	**161.3**	**.0083**	**51**
2421	General sawmills & planing mills	3	2	85.2	.6926	97
Pacific	**All mfg.**	**10**	**2**	**124.5**	**.0064**	**44**
Pend Oreille	**All mfg.**	**4**	**1**	**48.9**	**.0025**	**66**
Pierce	**All mfg.**	**177**	**45**	**2,026.6**	**.1041**	**68**
2421	General sawmills & planing mills	5	2	140.9	1.1453	92
8062	*General medical & surgical hospitals*	*13*	*11*	*342.4*	*.2369*	*99*
San Juan	**All mfg.**	**2**		**3.3**	**.0002**	**0**
Skagit	**All mfg.**	**29**	**10**	**1,939.2**	**.0996**	**96**
Skamania	**All mfg.**	**4**	**3**	**53.9**	**.0028**	**86**
Snohomish	**All mfg.**	**128**	**31**	**2,316.1**	**.1190**	**86**
2037	Frozen fruits & vegetables	4	2	126.2	2.5743	96
2421	General sawmills & planing mills	10	4	162.7	1.3225	88
2431	Millwork	6	1	64.3	1.2975	77
2647	Sanitary paper products	1	1	319.2	3.3533	100
3721	Aircraft	3	2	862.9	2.6941	99
3825	Electricity-measuring instruments	1	1	125.6	2.2374	100
8062	*General medical & surgical hospitals*	*5*	*4*	*85.6*	*.0592*	*95*
Spokane	**All mfg.**	**153**	**34**	**2,148.7**	**.1104**	**81**
3334	Primary aluminum	1	1	269.6	4.2086	100
3353	Aluminum sheet, plate, & foil	1	1	746.4	8.6805	100
4931	*Electric & other services combined*	*3*	*1*	*225.2*	*.6723*	*95*
8062	*General medical & surgical hospitals*	*11*	*8*	*247.9*	*.1715*	*98*
Stevens	**All mfg.**	**14**	**3**	**142.0**	**.0073**	**66**
Thurston	**All mfg.**	**26**	**8**	**282.4**	**.0145**	**72**
Wahkiakum	**All mfg.**	**1**	**1**	**73.9**	**.0038**	**100**
Walla Walla	**All mfg.**	**22**	**6**	**257.5**	**.0132**	**81**
8062	*General medical & surgical hospitals*	*4*	*4*	*56.1*	*.0388*	*100*
Whatcom	**All mfg.**	**49**	**15**	**2,074.6**	**.1066**	**92**
2611	Pulp mills	1	1	146.4	4.5955	100
3334	Primary aluminum	2	2	233.6	3.6466	100
Whitman	**All mfg.**	**2**		**6.6**	**.0003**	**0**
Yakima	**All mfg.**	**85**	**15**	**673.7**	**.0346**	**53**
2033	Canned fruits & vegetables	10	5	193.7	2.1165	93
8062	*General medical & surgical hospitals*	*6*	*3*	*79.6*	*.0551*	*86*
STATE TOTAL	**All mfg.**	**1,836**	**462**	**30,494.8**	**1.5663**	**83**

WEST VIRGINIA

County SIC	Industry	Establishments Total	Establishments Large	Shipments/Receipts ($ Mil.)	% Of U.S. Ship/Recpt	% In Large Estab
Barbour	**All mfg.**	**6**		**17.4**	**.0009**	**0**
Berkeley	**All mfg.**	**23**	**10**	**386.4**	**.0198**	**89**
3714	Motor-vehicle parts & accessories	2	2	119.6	.2814	100
8062	*General medical & surgical hospitals*	*3*	*3*	*83.8*	*.0580*	*100*
Boone	**All mfg.**	**2**		**6.1**	**.0003**	**0**
1211	*Bituminous-coal & lignite mining*	*12*	*7*	*326.7*	*1.7780*	*88*
Braxton	**All mfg.**	**4**	**1**	**14.7**	**.0008**	**44**
Brooke	**All mfg.**	**15**	**8**	**322.2**	**.0165**	**87**
Cabell	**All mfg.**	**58**	**18**	**1,134.5**	**.0583**	**86**
3221	Glass containers	1	1	128.7	2.6160	100
3356	Nonferrous rolling & drawing n.e.c.	1	1	492.4	13.3634	100
8062	*General medical & surgical hospitals*	*7*	*6*	*200.4*	*.1387*	*99*
Calhoun	**All mfg.**	**2**	**1**	**10.5**	**.0005**	**95**
Clay	**All mfg.**	**1**		**2.1**	**.0001**	**0**
Doddridge	**All mfg.**	**1**		**2.3**	**.0001**	**0**
Fayette	**All mfg.**	**8**	**2**	**159.0**	**.0082**	**92**
1211	*Bituminous-coal & lignite mining*	*10*	*5*	*281.7*	*1.5331*	*93*
3313	Electrometallurgical products	1	1	133.7	17.6758	100
Gilmer	**All mfg.**	**2**	**1**	**15.7**	**.0008**	**89**
Grant	**All mfg.**	**6**	**1**	**28.1**	**.0014**	**17**
Greenbrier	**All mfg.**	**19**	**5**	**87.5**	**.0045**	**43**
Hampshire	**All mfg.**	**3**		**8.4**	**.0004**	**0**
Hancock	**All mfg.**	**29**	**13**	**1,607.2**	**.0826**	**96**
3262	Vitreous china food utensils	1	1	56.6	20.3086	100
3312	Blast furnaces & steel mills	1	1	905.6	2.4060	100
Hardy	**All mfg.**	**4**	**2**	**36.9**	**.0019**	**90**
Harrison	**All mfg.**	**33**	**11**	**343.0**	**.0176**	**71**
3229	Pressed & blown glass n.e.c.	2	2	58.4	1.7839	100
4923	*Gas transmission & distribution*	*3*	*2*	*334.7*	*2.9913*	*98*
8062	*General medical & surgical hospitals*	*2*	*2*	*52.5*	*.0363*	*100*
Jackson	**All mfg.**	**3**	**1**	**750.9**	**.0386**	**99**
3353	Aluminum sheet, plate, & foil	1	1	746.4	8.6805	100
Jefferson	**All mfg.**	**8**	**4**	**90.9**	**.0047**	**89**
Kanawha	**All mfg.**	**90**	**22**	**2,565.1**	**.1318**	**90**
1211	*Bituminous-coal & lignite mining*	*22*	*7*	*322.6*	*1.7557*	*80*
2812	Alkalies & chlorine	1	1	74.1	5.1419	100
2824	Noncellulosic synthetic organic fibers	1	1	277.9	2.7207	100
2869	Industrial organic chemicals n.e.c.	5	3	1,210.4	3.2918	97
4922	*Natural-gas transmission*	*2*	*1*	*520.9*	*3.8450*	*97*
6025	*National banks, federal reserve system*	*9*	*4*	*190.8*	*.1783*	*86*
8062	*General medical & surgical hospitals*	*8*	*6*	*214.4*	*.1484*	*97*
Lewis	**All mfg.**	**7**	**4**	**68.5**	**.0035**	**90**
Logan	**All mfg.**	**15**	**2**	**56.4**	**.0029**	**35**
1211	*Bituminous-coal & lignite mining*	*21*	*13*	*518.8*	*2.8235*	*90*
McDowell	**All mfg.**	**2**		**7.4**	**.0004**	**0**
1211	*Bituminous-coal & lignite mining*	*21*	*14*	*592.0*	*3.2219*	*94*
Marion	**All mfg.**	**33**	**7**	**339.9**	**.0175**	**79**
1211	*Bituminous-coal & lignite mining*	*9*	*8*	*371.1*	*2.0196*	*99*
3641	Electric lamps	1	1	118.4	5.5129	100
Marshall	**All mfg.**	**14**	**4**	**265.6**	**.0136**	**78**
1211	*Bituminous-coal & lignite mining*	*4*	*3*	*172.3*	*.9377*	*95*
Mason	**All mfg.**	**11**	**4**	**237.2**	**.0122**	**85**
Mercer	**All mfg.**	**25**	**7**	**133.8**	**.0069**	**60**
8062	*General medical & surgical hospitals*	*3*	*3*	*51.8*	*.0358*	*100*
Mineral	**All mfg.**	**8**	**2**	**47.2**	**.0024**	**51**
Mingo	**All mfg.**	**10**		**26.8**	**.0014**	**0**
1211	*Bituminous-coal & lignite mining*	*18*	*4*	*160.5*	*.8735*	*55*
Monongalia	**All mfg.**	**29**	**10**	**224.0**	**.0115**	**77**
1211	*Bituminous-coal & lignite mining*	*9*	*5*	*240.2*	*1.3072*	*94*
8062	*General medical & surgical hospitals*	*2*	*2*	*91.4*	*.0632*	*100*
Monroe	**All mfg.**	**1**	**1**	**16.5**	**.0008**	**100**
Morgan	**All mfg.**	**6**	**2**	**35.0**	**.0018**	**62**
Nicholas	**All mfg.**	**15**	**4**	**100.4**	**.0052**	**69**
1211	*Bituminous-coal & lignite mining*	*9*	*3*	*123.2*	*.6705*	*74*
Ohio	**All mfg.**	**35**	**12**	**323.1**	**.0166**	**74**
3547	Rolling-mill machinery	2	2	63.9	13.3794	100
8062	*General medical & surgical hospitals*	*1*	*1*	*75.4*	*.0522*	*100*
Pendleton	**All mfg.**	**4**	**1**	**21.7**	**.0011**	**75**
Pleasants	**All mfg.**	**2**	**2**	**582.2**	**.0299**	**100**

1983 (S&MM Est)

County SIC	Industry	Establishments Total	Establishments Large	Shipments/ Receipts ($ Mil)	% Of U S Ship Recpt	% In Large Estab
WEST VIRGINIA (cont.)						
Pocahontas	All mfg.	3	1	17.6	.0009	63
Preston	All mfg.	8	2	50.6	.0026	34
Putnam	All mfg.	8	2	29.7	.0015	69
Raleigh	All mfg.	27	3	103.1	.0053	38
1211	*Bituminous-coal & lignite mining*	*26*	*16*	*517.3*	*2.8153*	*91*
8062	*General medical & surgical hospitals*	*5*	*5*	*94.2*	*.0652*	*100*
Randolph	All mfg.	22	5	93.5	.0048	45
Ritchie	All mfg.	10	3	56.0	.0029	45
Roane	All mfg.	7	3	80.0	.0041	84
Summers	All mfg.	3	1	10.7	.0005	47
Taylor	All mfg.	7	5	56.6	.0029	94
Tucker	All mfg.	6	2	68.0	.0035	75
Tyler	All mfg.	2	1	189.3	.0097	98
Upshur	All mfg.	7	3	82.7	.0042	85
Wayne	All mfg.	16	4	172.2	.0089	78
Webster	All mfg.	2		5.9	.0003	0
Wetzel	All mfg.	11	5	275.7	.0142	95
Wirt	All mfg.	1		1.2	.0001	0
Wood	All mfg.	52	17	1,201.3	.0617	87
2821	Plastics materials & synthetic resins	3	3	705.0	4.0298	100
3229	Pressed & blown glass n.e.c	3	3	64.6	1.9733	100
3423	Hand & edge tools n.e.c	1	1	96.8	3.3465	100
8062	*General medical & surgical hospitals*	*2*	*2*	*74.7*	*.0517*	*100*
Wyoming	All mfg.	4		7.4	.0004	0
1211	*Bituminous-coal & lignite mining*	*13*	*11*	*651.1*	*3.5435*	*98*
STATE TOTAL	All mfg.	730	219	12,577.1	.6460	86
WISCONSIN						
Adams	All mfg.	5	1	30.4	.0016	63
Ashland	All mfg.	11	4	85.6	.0044	73
Barron	All mfg.	35	12	319.9	.0164	68
Bayfield	All mfg.	3	1	15.4	.0008	62
Brown	All mfg.	136	43	3,067.6	.1576	87
2011	Meat-packing plants	4	2	479.6	1.0862	92
2621	Paper mills, except building paper	4	4	418.1	2.0043	100
2647	Sanitary paper products	7	5	965.7	10.1450	97
3554	Paper-industries machinery	6	3	93.6	7.4928	91
4931	*Electric & other services combined*	*1*	*1*	*373.1*	*1.1138*	*100*
8062	*General medical & surgical hospitals*	*3*	*3*	*106.1*	*.0734*	*100*
Buffalo	All mfg.	1		12.0	.0006	0
Burnett	All mfg.	9	1	30.9	.0016	17
Calumet	All mfg.	27	6	454.1	.0233	68
3519	Internal-combustion engines n.e.c.	1	1	185.8	2.0678	100
Chippewa	All mfg.	35	12	285.1	.0146	74
Clark	All mfg.	24	2	145.4	.0075	19
Columbia	All mfg.	43	11	239.9	.0123	56
Crawford	All mfg.	10	3	158.4	.0081	85
Dane	All mfg.	175	53	3,279.3	.1684	87
2011	Meat-packing plants	1	1	1,261.8	2.8576	100
2439	Structural wood members n.e.c.	4	2	40.4	5.0050	92
3692	Dry & wet primary batteries	1	1	108.4	9.5667	100
4931	*Electric & other services combined*	*2*	*2*	*463.4*	*1.3833*	*100*
8062	*General medical & surgical hospitals*	*6*	*6*	*306.0*	*.2117*	*100*
8221	*Colleges & universities n.e.c.*	*1*	*1*	*84.0*	*.4084*	*100*
Dodge	All mfg.	55	21	586.1	.0301	82
3524	Lawn & garden equipment	1	1	64.8	4.6740	100
Door	All mfg.	15	8	233.5	.0120	94
3731	Ship building & repairing	2	2	143.6	1.6181	100
Douglas	All mfg.	16	6	449.4	.0231	88
Dunn	All mfg.	11	2	61.0	.0031	54
Eau Claire	All mfg.	40	12	774.8	.0398	82
3011	Tires & inner tubes	1	1	192.7	1.8351	100
8062	*General medical & surgical hospitals*	*3*	*3*	*83.7*	*.0579*	*100*
Florence	All mfg.	1		3.6	.0002	0
Fond du Lac	All mfg.	69	22	858.5	.0441	75
3519	Internal-combustion engines n.e.c	2	1	170.6	1.8986	96
8062	*General medical & surgical hospitals*	*4*	*3*	*53.1*	*.0367*	*94*
Forest	All mfg.	2	2	17.8	.0009	100
Grant	All mfg.	14		84.0	.0043	0
Green	All mfg.	24	9	293.2	.0151	51
Green Lake	All mfg.	28	5	131.5	.0068	54
Iowa	All mfg.	9		28.5	.0015	0
Iron	All mfg.	3	1	32.7	.0017	67
Jackson	All mfg.	8	1	58.1	.0030	25
Jefferson	All mfg.	74	25	998.5	.0513	81
3079	Miscellaneous plastics products	7	3	73.1	.2445	86
3585	Refrigeration & heating equipment	1	1	91.6	.7362	100
Juneau	All mfg.	17	5	147.8	.0076	68
Kenosha	All mfg.	56	17	3,260.6	.1675	96
3423	Hand & edge tools n.e.c	1	1	60.5	2.0915	100
3711	Motor vehicles & passenger car bodies	2	1	2,524.0	2.4859	100
8062	*General medical & surgical hospitals*	*2*	*2*	*72.4*	*.0301*	*100*

1983 (S&MM Est)

County SIC	Industry	Establishments Total	Establishments Large	Shipments Receipts ($ Mil)	% Of U S Ship Recpt	% In Large Estab
Kewaunee	All mfg.	18	4	143.4	.0074	57
La Crosse	All mfg.	53	14	694.1	.0357	82
3585	Refrigeration & heating equipment	1	1	193.3	1.4732	100
8062	*General medical & surgical hospitals*	*2*	*2*	*96.9*	*.0671*	*100*
Lafayette	All mfg.	2		23.4	.0012	0
Langlade	All mfg.	17	5	111.6	.0057	60
Lincoln	All mfg.	26	10	336.5	.0173	84
Manitowoc	All mfg.	81	28	931.3	.0478	84
3361	Aluminum foundries	4	4	105.1	3.3481	100
3469	Metal stampings n.e.c.	4	1	88.1	1.3826	88
3585	Refrigeration & heating equipment	2	2	114.6	.9210	100
3822	Environmental controls	1	1	37.7	2.3958	100
3842	Surgical appliances & supplies	1	1	125.5	2.8167	100
4912	*Nuclear power*	*4*	*4*	*364.4*	*2.6760*	*100*
Marathon	All mfg.	74	29	1,313.4	.0675	84
2022	Natural & processed cheese	6	2	400.7	4.1469	78
2435	Hardwood veneer & plywood	1	1	54.8	3.1654	100
2621	Paper mills, except building paper	3	3	260.4	1.2483	100
3621	Motors & generators	1	1	58.9	.9616	100
Marinette	All mfg.	32	14	597.0	.0358	92
2621	Paper mills, except building paper	3	2	160.7	.7704	96
Marquette	All mfg.	4	1	29.7	.0015	44
Menominee	All mfg.	1	1	32.5	.0017	100
Milwaukee	All mfg.	871	290	13,362.0	.6863	86
2011	Meat-packing plants	5	2	328.0	.7428	87
2051	Bread, cake, & related products	7	6	116.0	.9280	97
2082	Malt beverages	3	3	1,715.4	14.3727	100
2086	Bottled & canned soft drinks	4	3	140.0	.8168	92
2531	Public-building & related furniture	7	3	62.3	4.5122	87
2641	Paper coating & glazing	3	1	139.2	2.4611	89
2653	Corrugated & solid fiber boxes	9	5	106.3	1.0285	83
2711	Newspapers	3	1	74.6	.3497	95
2752	Lithographic commercial printing	21	5	205.3	1.3899	63
3079	Miscellaneous plastics products	26	6	215.9	.7222	66
3111	Leather tanning & finishing	16	9	142.1	9.3721	86
3143	Men's nonathletic footwear	1	1	36.7	1.7783	100
3317	Steel pipe & tubes	1	1	50.8	1.5486	100
3321	Gray-iron foundries	8	5	92.6	1.1860	94
3325	Steel foundries n.e.c.	11	9	149.3	5.2643	97
3411	Metal cans	4	4	370.7	3.7884	100
3429	Hardware n.e.c.	3	1	92.9	1.6618	92
3443	Fabricated plate work (boiler shops)	19	7	152.9	1.6019	78
3444	Sheet-metal work	12	2	56.6	.9858	63
3448	Prefabricated metal buildings	2	2	71.5	3.1251	100
3462	Iron & steel forgings	4	3	291.7	7.9569	100
3469	Metal stampings n.e.c.	13	4	82.1	1.2884	72
3511	Turbines & turbine-generator set units	3	2	63.9	2.1376	95
3519	Internal-combustion engines n.e.c.	6	4	854.1	9.5054	99
3523	Farm machinery & equipment	1	1	296.5	3.1494	100
3531	Construction machinery	16	10	428.6	3.5565	94
3532	Mining machinery	4	3	139.0	7.7506	98
3536	Hoists, industrial cranes, & monorails	11	3	121.8	12.2807	88
3541	Metal-cutting machine tools	8	3	122.3	3.3009	92
3544	Special dies, tools, jigs, & fixtures	22	4	34.4	1.1557	53
3551	Food-products machinery	4	2	46.0	2.1801	93
3566	Speed changers, drives, & gears	3	3	230.6	16.0989	100
3569	General industrial machinery n.e.c	13	6	85.5	2.6150	85
3599	Machinery, except electrical, n.e.c	30	7	129.8	1.4601	52
3613	Switchgear & switchboard apparatus	7	3	64.0	1.4499	85
3621	Motors & generators	9	3	58.5	.9551	72
3622	Industrial controls	13	9	556.9	13.4523	97
3662	Radio & TV communication equipment	6	2	308.2	.9433	92
3693	X-ray apparatus & tubes	3	2	473.5	13.6283	97
3714	Motor-vehicle parts & accessories	5	2	390.6	.9191	97
3751	Motorcycles, bicycles, & parts	1	1	189.8	14.8085	100
3822	Environmental controls	4	4	67.7	4.3022	100
3993	Signs & advertising displays	13	5	37.7	2.2490	74
4911	*Electric services*	*1*	*1*	*636.9*	*1.0505*	*100*
4924	*Natural-gas distribution*	*6*	*3*	*256.0*	*2.0424*	*84*
5084	*Industrial-machinery distributors*	*27*	*1*	*283.5*	*.7489*	*16*
5085	*Industrial-supply distributors*	*35*		*291.4*	*.8697*	*0*
6025	*National banks, federal reserve system*	*13*	*4*	*710.5*	*.6638*	*96*
7011	*Hotels, motels, & tourist courts*	*12*	*2*	*53.9*	*.3092*	*75*
8062	*General medical & surgical hospitals*	*22*	*20*	*909.5*	*.6294*	*99*
8221	*Colleges & universities n.e.c.*	*7*	*3*	*92.7*	*.4507*	*92*
Monroe	All mfg.	15	5	106.8	.0055	63
8062	*General medical & surgical hospitals*	*3*	*3*	*65.9*	*.0456*	*100*
Oconto	All mfg.	27	7	198.2	.0102	59
Oneida	All mfg.	9	4	199.3	.0102	89
Outagamie	All mfg.	94	34	1,749.0	.0898	90
2259	Knitting mills n.e.c	1	1	23.3	27.5089	100
2621	Paper mills, except building paper	6	5	608.3	2.9161	99
2641	Paper coating & glazing	2	1	226.3	4.0011	99
3623	Electric welding apparatus	1	1	95.6	5.7455	100
8062	*General medical & surgical hospitals*	*4*	*2*	*69.1*	*.0478*	*92*
Ozaukee	All mfg.	88	31	759.7	.0390	72
3524	Lawn & garden equipment	2	2	63.5	4.5802	100

County SIC	Industry	Establishments		1983 (S&MM Est)		
		Total	Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship Recpt	% In Large Estab
3621	Motors & generators	3	3	112.5	1.8368	100
Pepin	**All mfg.**	**4**	**1**	**24.6**	**.0013**	**37**
Pierce	**All mfg.**	**8**	**5**	**84.8**	**.0044**	**76**
Polk	**All mfg.**	**23**	**7**	**182.2**	**.0094**	**49**
Portage	**All mfg.**	**26**	**11**	**320.0**	**.0164**	**82**
Price	**All mfg.**	**12**	**6**	**160.2**	**.0082**	**93**
Racine	**All mfg.**	**167**	**53**	**1,863.7**	**.0957**	**81**
2731	Book publishing	1	1	96.9	1.2761	100
2842	Polishes & sanitation goods	2	1	224.5	5.1682	99
3523	Farm machinery & equipment	4	2	186.1	1.9768	96
3531	Construction machinery	5	3	148.4	1.2314	97
3568	Power-transmission equipment n.e.c.	1	1	58.1	3.1740	100
3621	Motors & generators	9	6	77.1	1.2588	89
8062	*General medical & surgical hospitals*	*5*	*4*	*133.2*	*.0922*	*98*
Richland	**All mfg.**	**14**	**4**	**87.6**	**.0045**	**65**
Rock	**All mfg.**	**73**	**24**	**1,775.8**	**.0912**	**89**
3143	Men's nonathletic footwear	1	1	36.7	1.7783	100
3519	Internal-combustion engines n.e.c.	1	1	185.8	2.0678	100
3554	Paper-industries machinery	1	1	135.5	10.8469	100
3711	Motor vehicles & passenger-car bodies	1	1	722.1	.7112	100
3951	Pens & mechanical pencils	1	1	124.7	11.6597	100
8062	*General medical & surgical hospitals*	*5*	*4*	*114.9*	*.0795*	*99*
Rusk	**All mfg.**	**13**	**3**	**79.6**	**.0041**	**61**
St. Croix	**All mfg.**	**25**	**9**	**156.5**	**.0080**	**66**
Sauk	**All mfg.**	**38**	**11**	**419.8**	**.0216**	**77**
3482	Small-arms ammunition	2	1	78.9	9.6490	97
Sawyer	**All mfg.**	**4**		**18.3**	**.0009**	**0**
Shawano	**All mfg.**	**18**	**5**	**248.4**	**.0128**	**66**
Sheboygan	**All mfg.**	**117**	**41**	**1,517.0**	**.0779**	**81**
2022	Natural & processed cheese	4	3	436.8	4.5205	98
3431	Metal sanitary ware	1	1	111.2	21.4382	100
3519	Internal-combustion engines n.e.c.	1	1	113.6	1.2643	100
8062	*General medical & surgical hospitals*	*3*	*3*	*53.0*	*.0367*	*100*
Taylor	**All mfg.**	**10**	**7**	**103.2**	**.0053**	**94**
Trempealeau	**All mfg.**	**17**	**2**	**89.1**	**.0046**	**53**
Vernon	**All mfg.**	**7**		**24.8**	**.0013**	**0**
Vilas	**All mfg.**	**7**	**1**	**35.9**	**.0018**	**41**
Walworth	**All mfg.**	**76**	**18**	**452.7**	**.0233**	**59**
Washburn	**All mfg.**	**4**		**6.5**	**.0003**	**0**
Washington	**All mfg.**	**80**	**19**	**837.6**	**.0430**	**75**
3523	Farm machinery & equipment	4	2	89.4	.9496	93
3634	Electric housewares & fans	2	2	193.8	5.5667	100
Waukesha	**All mfg.**	**343**	**69**	**2,416.3**	**.1241**	**68**
2752	Lithographic commercial printing	8	1	116.1	.7860	64
3519	Internal-combustion engines n.e.c.	2	1	188.0	2.0923	99
3531	Construction machinery	4	2	130.9	1.0862	95
3551	Food-products machinery	8	3	80.2	3.8009	86
3599	Machinery, except electrical, n.e.c.	22	2	57.0	.6412	47
3612	Transformers	2	1	56.7	2.0394	97
8062	*General medical & surgical hospitals*	*7*	*5*	*118.5*	*.0820*	*93*
Waupaca	**All mfg.**	**52**	**13**	**773.3**	**.0397**	**76**
2013	Sausages & other prepared meats	1	1	134.0	1.2603	100
Waushara	**All mfg.**	**8**		**27.9**	**.0014**	**0**
Winnebago	**All mfg.**	**141**	**41**	**1,984.6**	**.1019**	**84**
2431	Millwork	6	3	62.7	1.2652	91
2621	Paper mills, except building paper	8	6	594.6	2.8584	97
2653	Corrugated & solid fiber boxes	4	2	117.8	1.1398	90
2732	Book printing	1	1	94.6	3.3437	100
3321	Gray-iron foundries	2	2	112.6	1.4421	100
3713	Truck & bus bodies	2	2	35.3	1.4212	100
8062	*General medical & surgical hospitals*	*3*	*3*	*100.5*	*.0695*	*100*
Wood	**All mfg.**	**47**	**19**	**1,108.5**	**.0569**	**84**
2621	Paper mills, except building paper	3	3	536.5	2.5719	100
8062	*General medical & surgical hospitals*	*3*	*3*	*85.4*	*.0591*	*100*
STATE TOTAL	**All mfg.**	**3,702**	**1,131**	**51,630.4**	**2.6520**	**82**

WYOMING

County SIC	Industry	Establishments		1983 (S&MM Est)		
		Total	Large	Shipments Receipts ($ Mil.)	% Of U.S. Ship Recpt	% In Large Estab
Albany	**All mfg.**	**14**	**1**	**57.0**	**.0029**	**22**
Big Horn	**All mfg.**	**9**	**1**	**58.3**	**.0030**	**41**
Campbell	**All mfg.**	**4**		**7.5**	**.0004**	**0**
1211	*Bituminous coal & lignite mining*	*16*	*6*	*254.1*	*1.3829*	*72*
Carbon	**All mfg.**	**4**	**1**	**357.5**	**.0184**	**98**
Converse	**All mfg.**	**3**		**76.5**	**.0039**	**0**
Crook	**All mfg.**	**2**		**7.4**	**.0004**	**0**
Fremont	**All mfg.**	**15**	**1**	**73.4**	**.0038**	**18**
Goshen	**All mfg.**	**3**	**1**	**24.4**	**.0013**	**87**
Hot Springs	**All mfg.**	**1**	**1**	**11.1**	**.0006**	**100**
Johnson	**All mfg.**	**3**		**6.4**	**.0003**	**0**
Laramie	**All mfg.**	**28**	**8**	**990.5**	**.0509**	**92**
8062	*General medical & surgical hospitals*	*4*	*4*	*59.2*	*.0410*	*100*
Lincoln	**All mfg.**	**8**	**1**	**84.4**	**.0043**	**39**
Natrona	**All mfg.**	**39**	**5**	**1,488.2**	**.0764**	**46**
1311	*Crude petroleum & natural gas*	*33*	*1*	*540.5*	*1.3454*	*13*
1381	*Oil- & gas-well drilling services*	*28*	*2*	*170.0*	*3.1261*	*30*
Niobrara	**All mfg.**	**2**		**14.7**	**.0008**	**0**
Park	**All mfg.**	**9**	**1**	**298.2**	**.0153**	**80**
Platte	**All mfg.**	**2**		**3.6**	**.0002**	**0**
Sheridan	**All mfg.**	**15**	**2**	**129.5**	**.0067**	**55**
Sublette	**All mfg.**	**1**		**2.0**	**.0001**	**0**
Sweetwater	**All mfg.**	**8**	**5**	**129.4**	**.0066**	**94**
Teton	**All mfg.**	**6**		**12.2**	**.0006**	**0**
Uinta	**All mfg.**	**3**		**5.8**	**.0003**	**0**
Washakie	**All mfg.**	**10**	**2**	**129.0**	**.0066**	**68**
Weston	**All mfg.**	**6**		**267.9**	**.0138**	**0**
STATE TOTAL	**All mfg.**	**195**	**30**	**4,234.9**	**.2175**	**61**
NATIONAL TOTAL	**All mfg.**	**149,125**	**42,104**	**1,946,870.8**	**100.0000**	**81**

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